

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041183.D
 Acq On : 31 Jul 2023 11:16
 Operator : MA/JU
 Sample : PB154262BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154262BSD

Quant Time: Jul 31 16:32:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	141205	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	541118	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	289154	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	565154	20.000	ng	0.00
76) Chrysene-d12	21.427	240	551564	20.000	ng	0.00
86) Perylene-d12	23.797	264	638427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	967678	102.424	ng	0.00
7) Phenol-d6	6.981	99	1189636	97.140	ng	0.00
23) Nitrobenzene-d5	8.981	82	1124858	96.672	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	419409	102.547	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2286257	99.881	ng	0.00
79) Terphenyl-d14	19.862	244	3392652	111.213	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	145769	36.067	ng	98
3) Pyridine	3.669	79	400932	37.728	ng	98
4) n-Nitrosodimethylamine	3.587	42	223978	45.571	ng	91
6) Aniline	7.134	93	627923	43.812	ng	99
8) 2-Chlorophenol	7.363	128	496977	53.883	ng	99
9) Benzaldehyde	6.951	77	271299	41.984	ng	99
10) Phenol	7.010	94	633927	53.595	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	494769	51.676	ng	98
12) 1,3-Dichlorobenzene	7.687	146	541700	53.955	ng	99
13) 1,4-Dichlorobenzene	7.839	146	551037	54.606	ng	99
14) 1,2-Dichlorobenzene	8.151	146	529152	54.689	ng	99
15) Benzyl Alcohol	8.057	79	442887	57.266	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	635393	49.808	ng	98
17) 2-Methylphenol	8.257	107	410336	50.778	ng	99
18) Hexachloroethane	8.875	117	206143	54.871	ng	92
19) n-Nitroso-di-n-propyla...	8.622	70	383245	51.522	ng	98
20) 3+4-Methylphenols	8.592	107	552667	51.151	ng	98
22) Acetophenone	8.639	105	722342	50.404	ng	# 99
24) Nitrobenzene	9.022	77	565533	48.061	ng	99
25) Isophorone	9.545	82	997175	50.485	ng	99
26) 2-Nitrophenol	9.728	139	257925	56.071	ng	95
27) 2,4-Dimethylphenol	9.792	122	438763	54.205	ng	99
28) bis(2-Chloroethoxy)met...	10.033	93	618226	49.967	ng	99
29) 2,4-Dichlorophenol	10.263	162	441485	54.084	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	484841	53.759	ng	98
31) Naphthalene	10.657	128	1452771	49.474	ng	100
32) Benzoic acid	9.957	122	297392	48.781	ng	98
33) 4-Chloroaniline	10.786	127	298228	25.414	ng	98
34) Hexachlorobutadiene	10.933	225	294160	54.232	ng	99
35) Caprolactam	11.598	113	69931	29.615	ng	96
36) 4-Chloro-3-methylphenol	11.922	107	447097	52.039	ng	97
37) 2-Methylnaphthalene	12.280	142	961614	48.574	ng	99
38) 1-Methylnaphthalene	12.498	142	896940	48.408	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	502347	53.503	ng	98
41) Hexachlorocyclopentadiene	12.616	237	719161	144.779	ng	98
43) 2,4,6-Trichlorophenol	12.898	196	338319	56.219	ng	99

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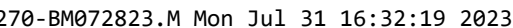
Instrument :
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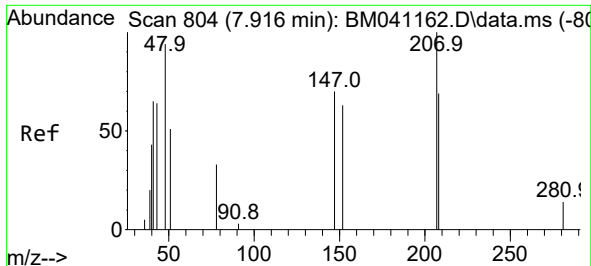
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	360575	51.768	ng	97
46) 1,1'-Biphenyl	13.298	154	1199586	51.174	ng	99
47) 2-Chloronaphthalene	13.339	162	931727	53.232	ng	99
48) 2-Nitroaniline	13.563	65	288003	51.549	ng	97
49) Acenaphthylene	14.186	152	1450939	51.359	ng	100
50) Dimethylphthalate	13.939	163	1126354	51.785	ng	99
51) 2,6-Dinitrotoluene	14.063	165	244674	54.291	ng	98
52) Acenaphthene	14.533	154	865338	50.845	ng	100
53) 3-Nitroaniline	14.392	138	187665	36.630	ng	96
54) 2,4-Dinitrophenol	14.610	184	290110	94.207	ng	87
55) Dibenzofuran	14.868	168	1390829	50.088	ng	99
56) 4-Nitrophenol	14.710	139	468846	124.825	ng	97
57) 2,4-Dinitrotoluene	14.857	165	328580	50.884	ng	94
58) Fluorene	15.521	166	1103487	50.374	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	312240	55.359	ng	98
60) Diethylphthalate	15.298	149	1096924	52.150	ng	100
61) 4-Chlorophenyl-phenyle...	15.515	204	567172	51.669	ng	98
62) 4-Nitroaniline	15.563	138	228513	47.580	ng	99
63) Azobenzene	15.810	77	1135032	49.263	ng	98
65) 4,6-Dinitro-2-methylph...	15.621	198	184192	53.800	ng	92
66) n-Nitrosodiphenylamine	15.739	169	928520	52.827	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	331202	53.450	ng	99
68) Hexachlorobenzene	16.521	284	397308	57.663	ng	98
69) Atrazine	16.698	200	327368	70.922	ng	100
70) Pentachlorophenol	16.874	266	553315	115.970	ng	98
71) Phenanthrene	17.268	178	1657972	52.801	ng	100
72) Anthracene	17.357	178	1668642	53.731	ng	100
73) Carbazole	17.639	167	1550529	55.163	ng	100
74) Di-n-butylphthalate	18.198	149	1773454	55.835	ng	100
75) Fluoranthene	19.292	202	1935416	54.863	ng	99
77) Benzidine	19.492	184	1092042	145.262	ng	100
78) Pyrene	19.656	202	2031315	52.663	ng	100
80) Butylbenzylphthalate	20.562	149	807983	57.362	ng	97
81) Benzo(a)anthracene	21.409	228	2084150	55.738	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	643744	52.760	ng	100
83) Chrysene	21.462	228	1903135	52.621	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1177206	52.382	ng #	97
85) Di-n-octyl phthalate	22.256	149	2072691	58.223	ng	97
87) Indeno(1,2,3-cd)pyrene	26.250	276	2665050	56.778	ng	97
88) Benzo(b)fluoranthene	23.080	252	2232310	58.859	ng	99
89) Benzo(k)fluoranthene	23.127	252	2083592	53.707	ng	99
90) Benzo(a)pyrene	23.691	252	1907958	52.356	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	2240270	57.222	ng	98
92) Benzo(g,h,i)perylene	26.997	276	2112693	55.150	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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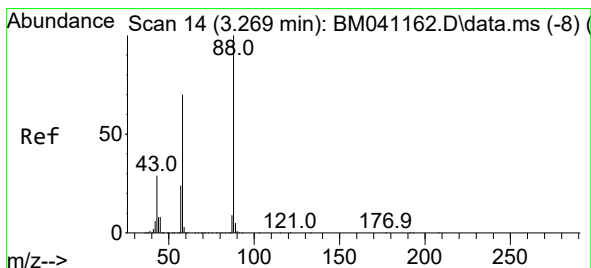
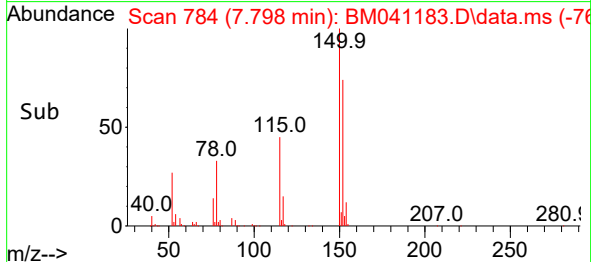
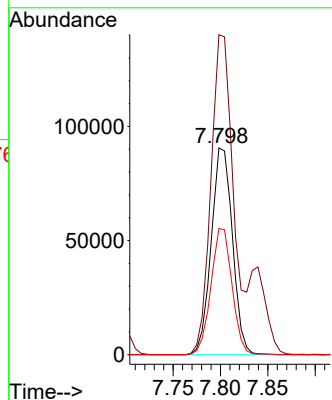
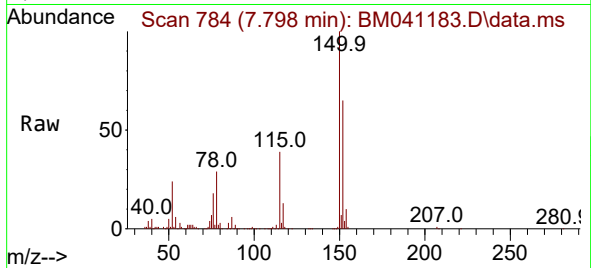




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041183.D
 Acq: 31 Jul 2023 11:16

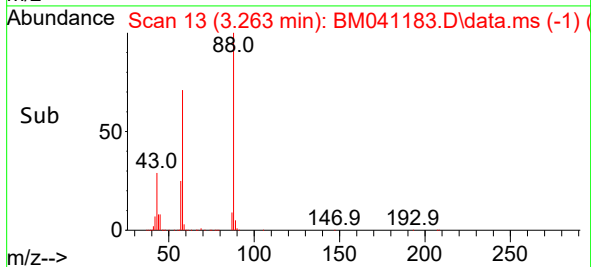
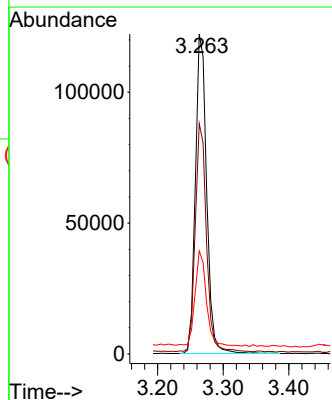
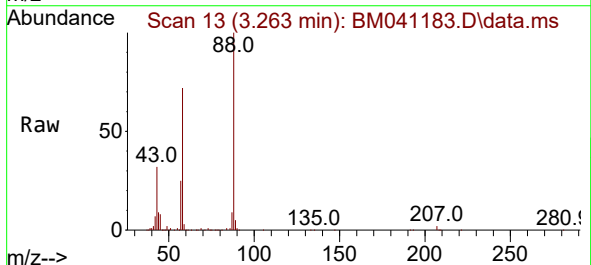
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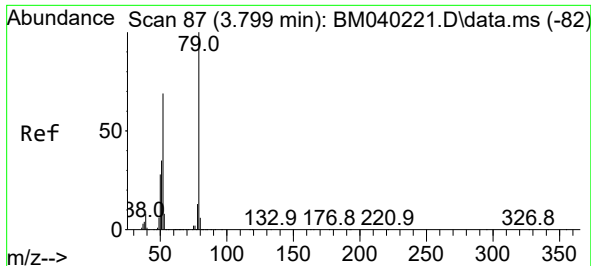
Tgt Ion:152 Resp: 141205
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.5 188.3
 115 61.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 36.067 ng
 RT: 3.263 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: BM041183.D
 Acq: 31 Jul 2023 11:16

Tgt Ion: 88 Resp: 145769
 Ion Ratio Lower Upper
 88 100
 58 70.7 58.2 87.4
 43 29.7 24.4 36.6

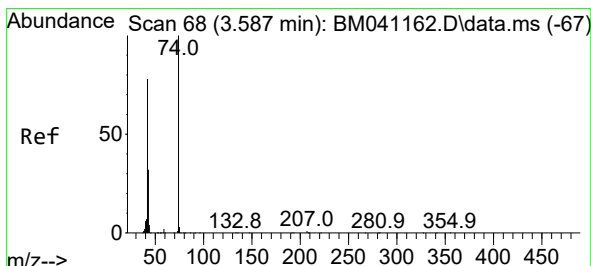
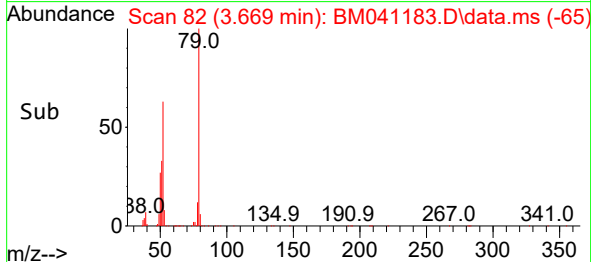
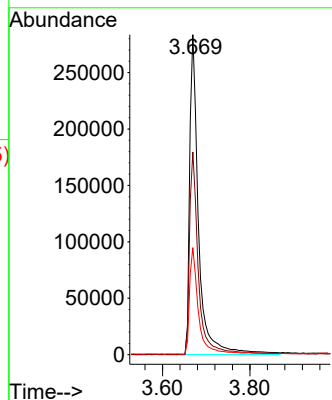
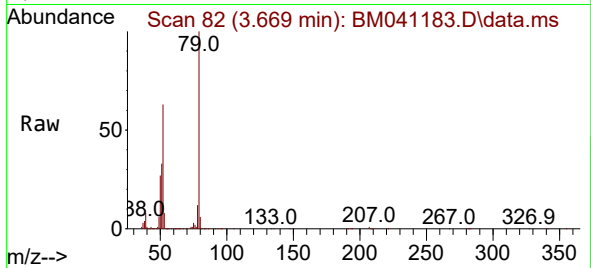




#3
 Pyridine
 Concen: 37.728 ng
 RT: 3.669 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041183.D
 Acq: 31 Jul 2023 11:16

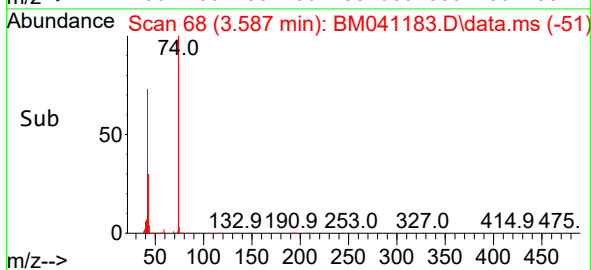
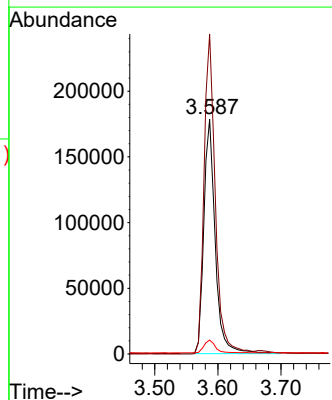
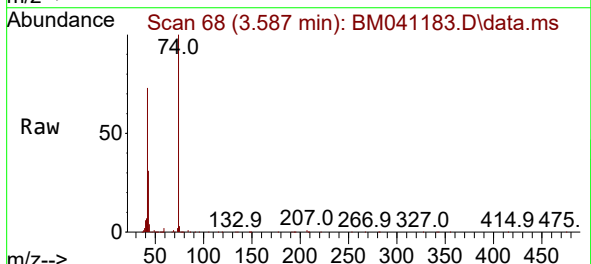
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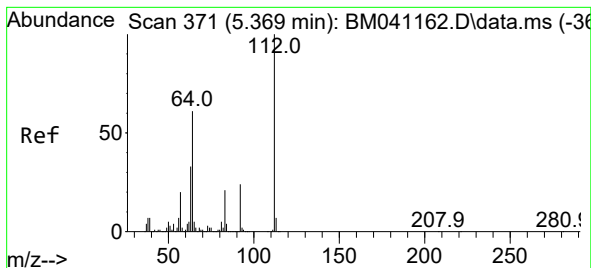
Tgt Ion: 79 Resp: 400932
 Ion Ratio Lower Upper
 79 100
 52 63.4 52.1 78.1
 51 33.5 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 45.571 ng
 RT: 3.587 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BM041183.D
 Acq: 31 Jul 2023 11:16

Tgt Ion: 42 Resp: 223978
 Ion Ratio Lower Upper
 42 100
 74 136.3 100.8 151.2
 44 5.9 5.0 7.4

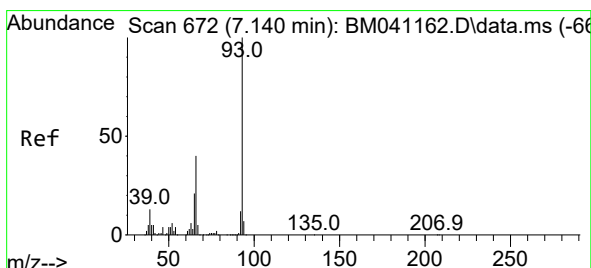
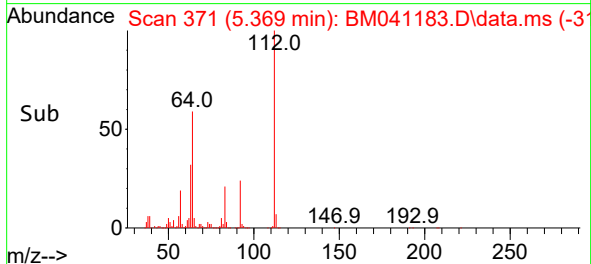
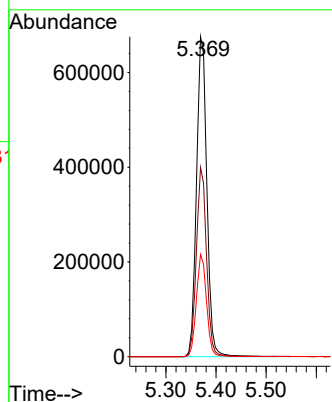
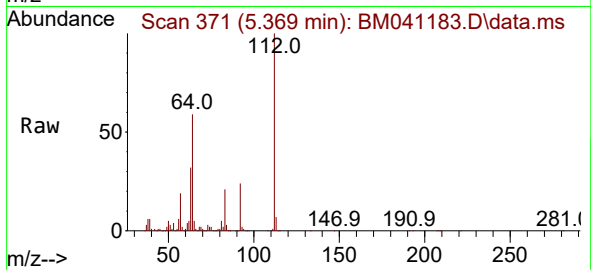




#5
2-Fluorophenol
Concen: 102.424 ng
RT: 5.369 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

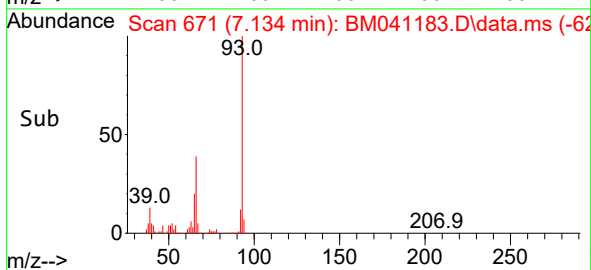
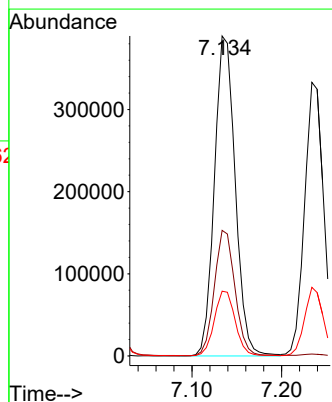
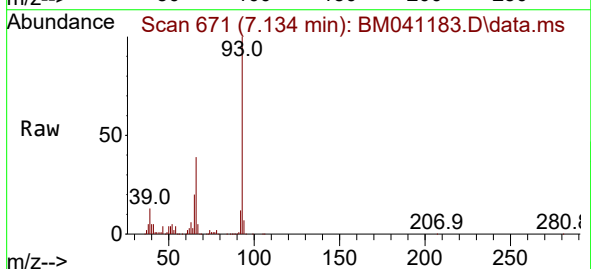
Instrument :
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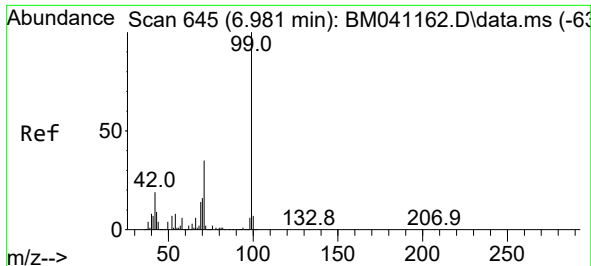
Tgt Ion:112 Resp: 967678
Ion Ratio Lower Upper
112 100
64 59.2 48.5 72.7
63 32.0 26.5 39.7



#6
Aniline
Concen: 43.812 ng
RT: 7.134 min Scan# 671
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 93 Resp: 627923
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.2 16.6 24.8



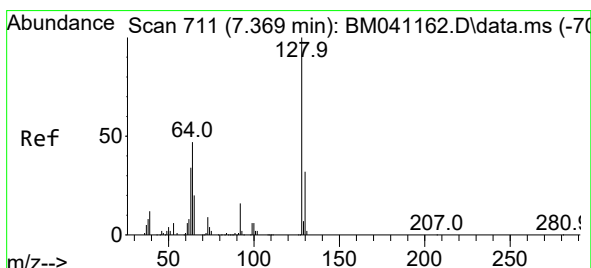
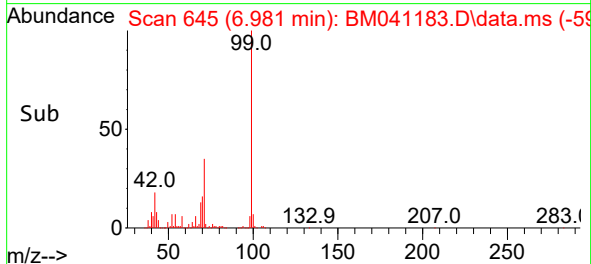
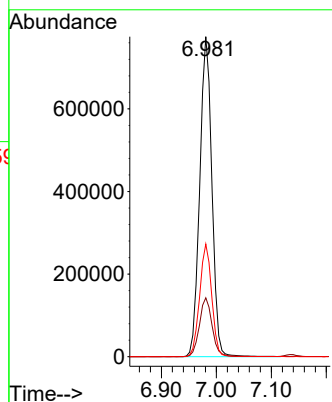
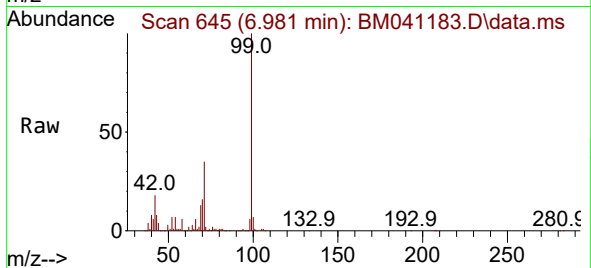


#7
Phenol-d6
Concen: 97.140 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Instrument :
BNA_M
ClientSampleId :
PB154262BSD

Tgt Ion: 99 Resp: 1189636

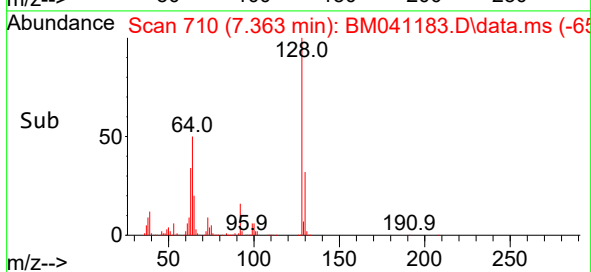
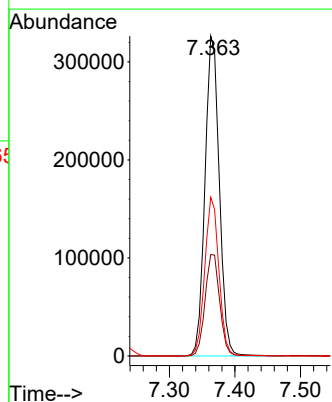
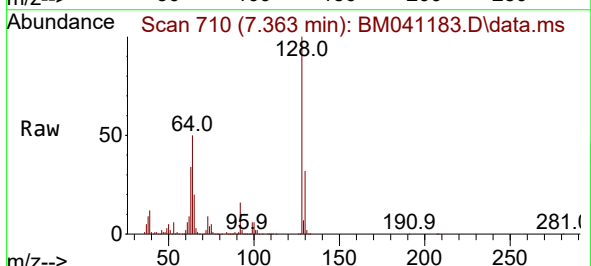
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	35.2	28.2	42.4

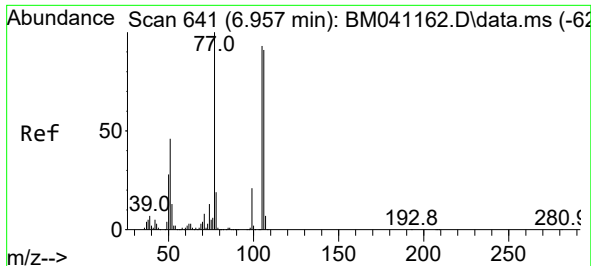


#8
2-Chlorophenol
Concen: 53.883 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 128 Resp: 496977

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.3	52.3
64	49.6	29.3	69.3

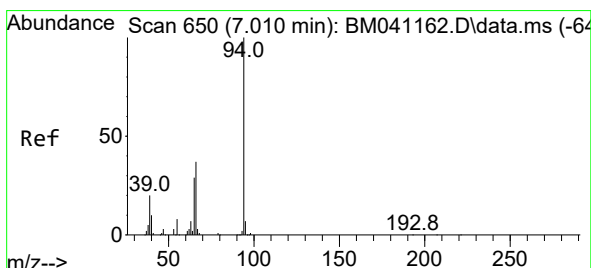
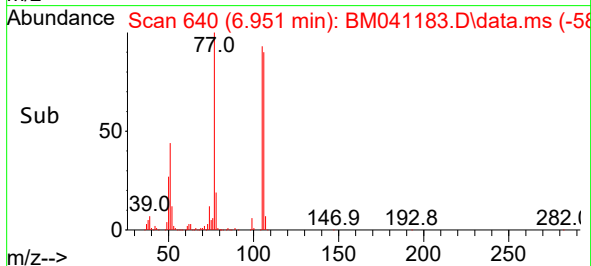
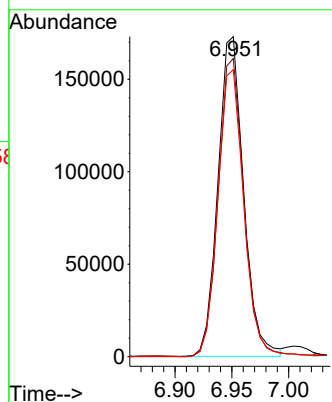
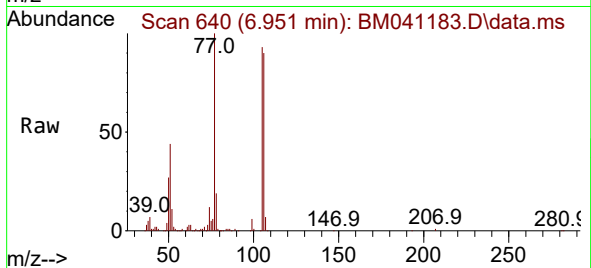




#9
Benzaldehyde
Concen: 41.984 ng
RT: 6.951 min Scan# 641
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

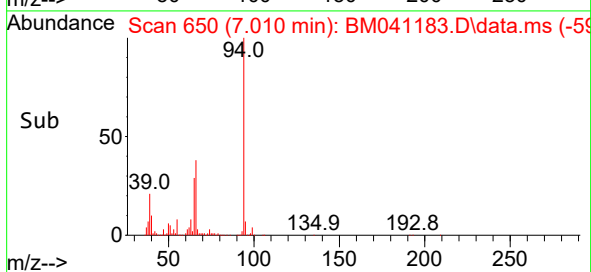
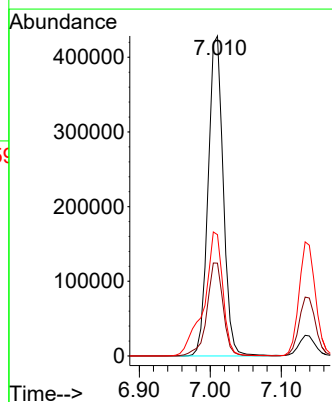
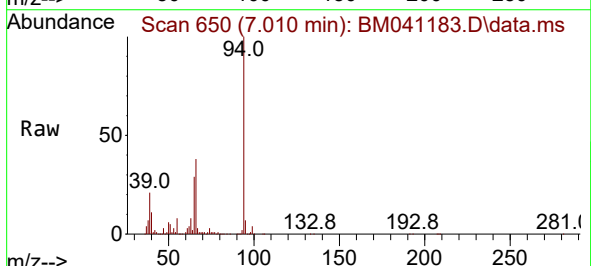
Instrument :
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ClientSampleId :
PB154262BSD

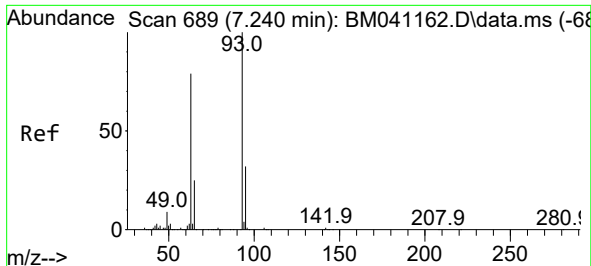
Tgt Ion: 77 Resp: 271299
Ion Ratio Lower Upper
77 100
105 93.2 72.8 112.8
106 89.7 70.8 110.8



#10
Phenol
Concen: 53.595 ng
RT: 7.010 min Scan# 650
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 94 Resp: 633927
Ion Ratio Lower Upper
94 100
65 29.0 9.5 49.5
66 37.9 18.0 58.0

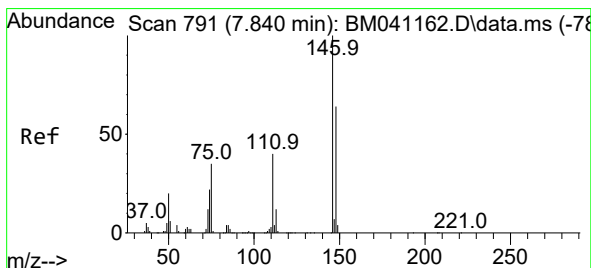
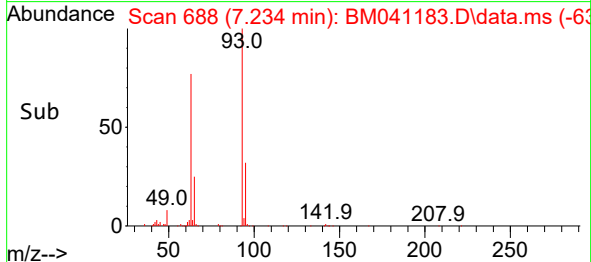
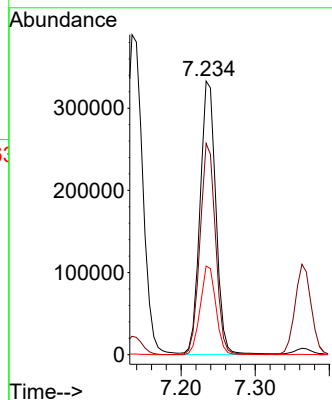
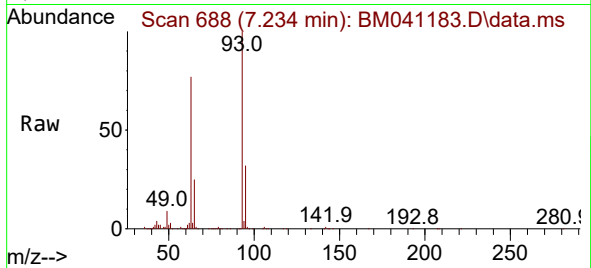




#11
bis(2-Chloroethyl)ether
Concen: 51.676 ng
RT: 7.234 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

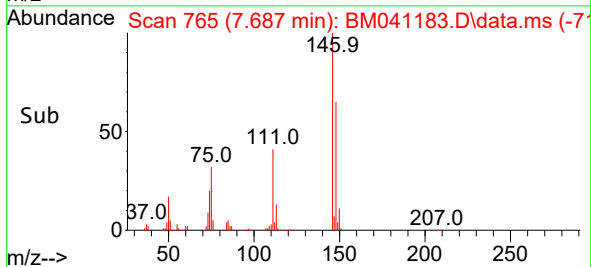
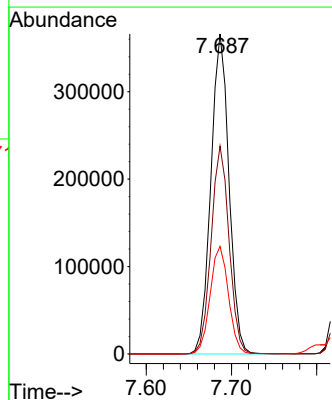
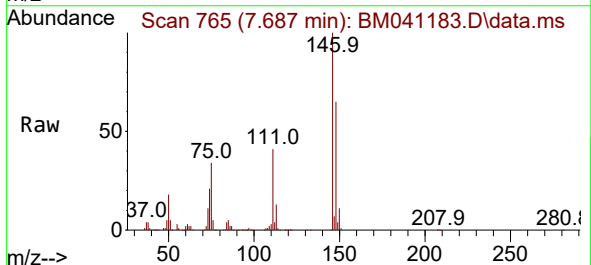
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

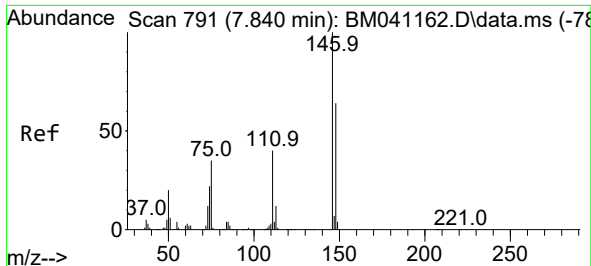
Tgt Ion: 93 Resp: 494769
Ion Ratio Lower Upper
93 100
63 77.2 58.8 98.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 53.955 ng
RT: 7.687 min Scan# 765
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 146 Resp: 541700
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 33.6 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 54.606 ng

RT: 7.839 min Scan# 791

Delta R.T. 0.006 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

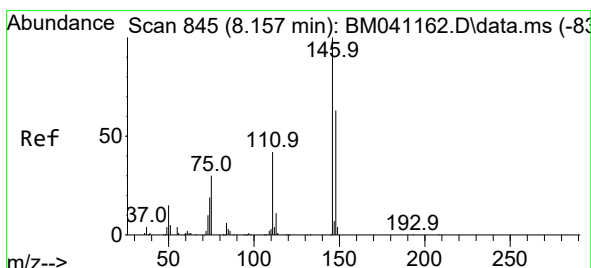
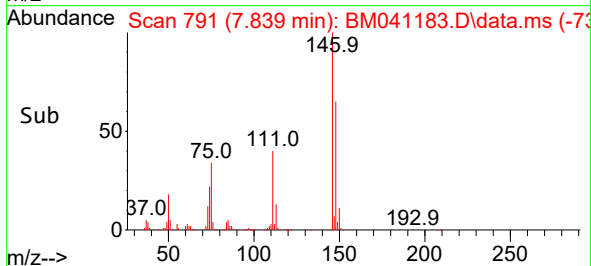
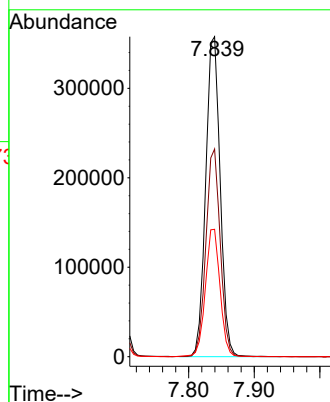
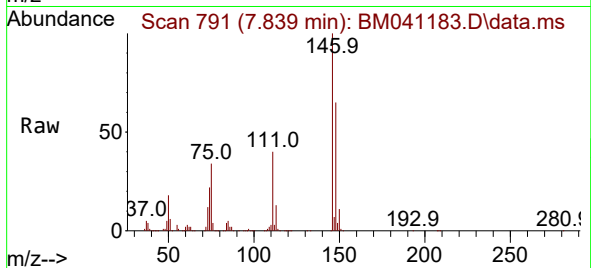
Tgt Ion:146 Resp: 551037

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

111 39.8 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 54.689 ng

RT: 8.151 min Scan# 844

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

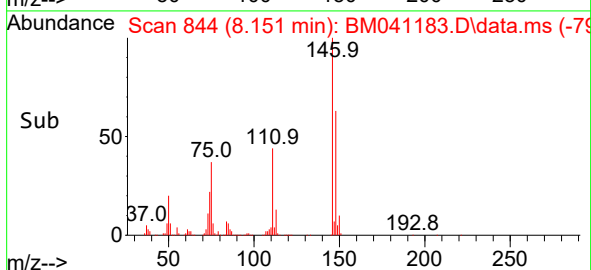
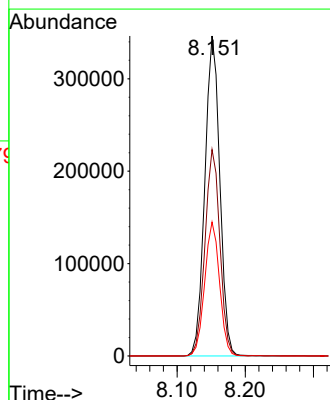
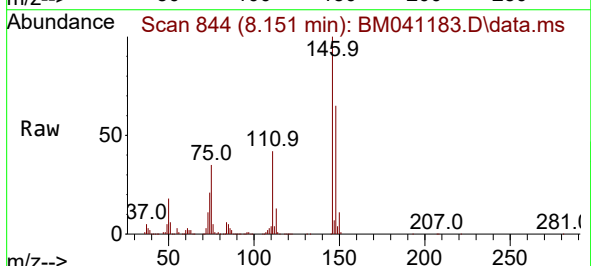
Tgt Ion:146 Resp: 529152

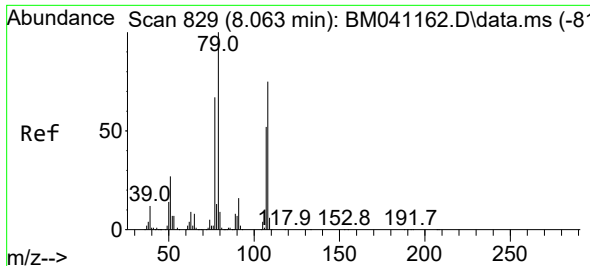
Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

111 41.9 33.8 50.6

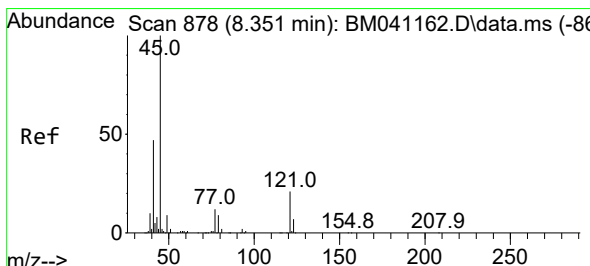
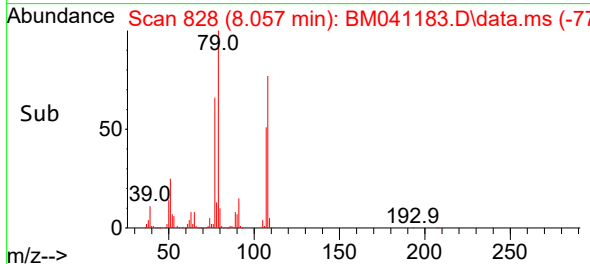
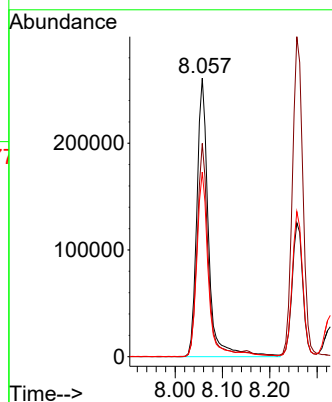
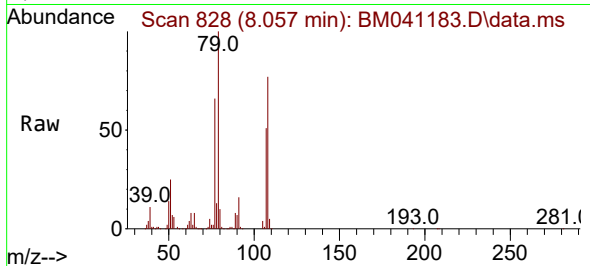




#15
Benzyl Alcohol
Concen: 57.266 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

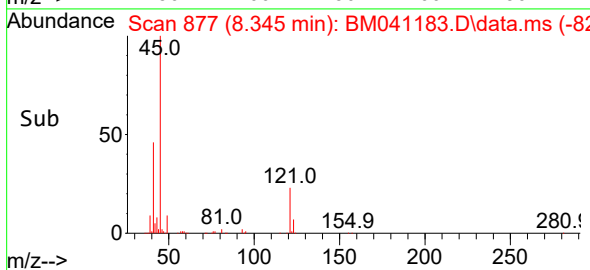
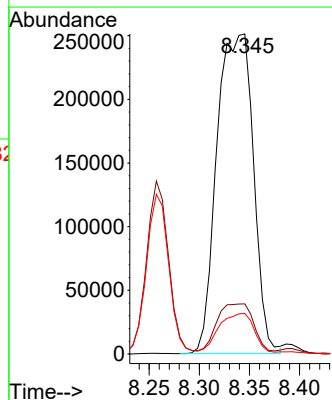
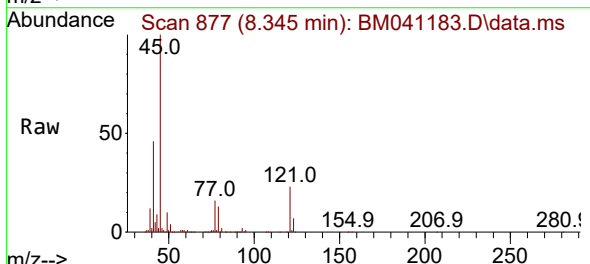
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

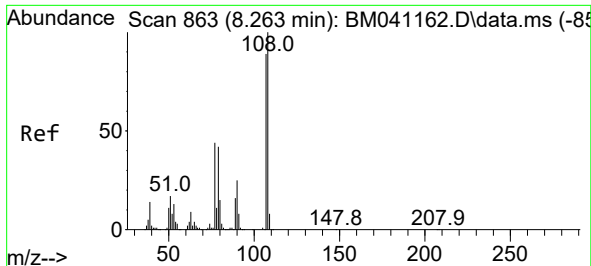
Tgt Ion: 79 Resp: 442887
Ion Ratio Lower Upper
79 100
108 76.6 59.8 89.8
77 66.3 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.808 ng
RT: 8.345 min Scan# 877
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 45 Resp: 635393
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.5
79 12.7 0.0 32.1

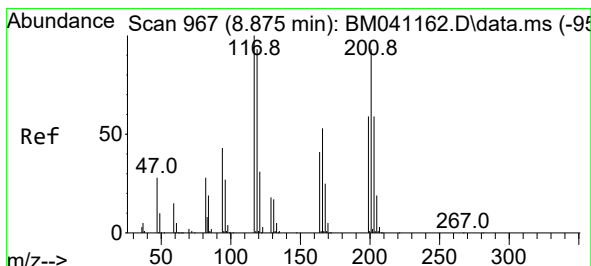
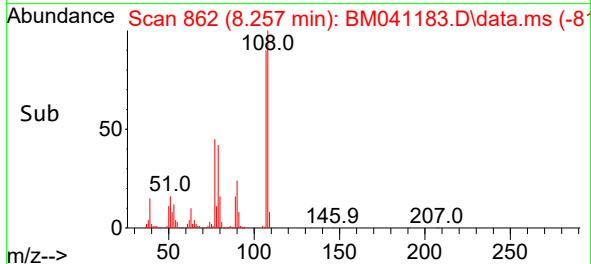
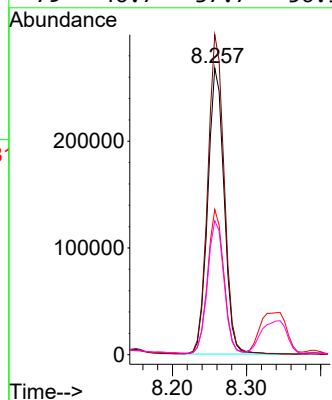
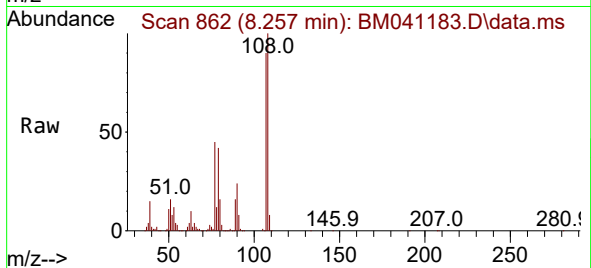




#17
2-Methylphenol
Concen: 50.778 ng
RT: 8.257 min Scan# 862
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

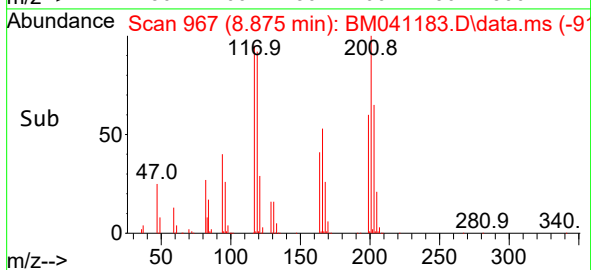
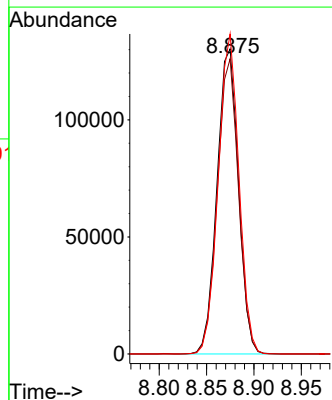
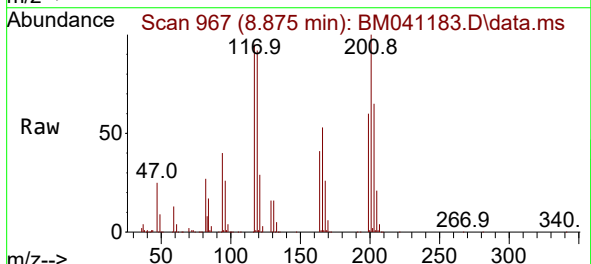
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

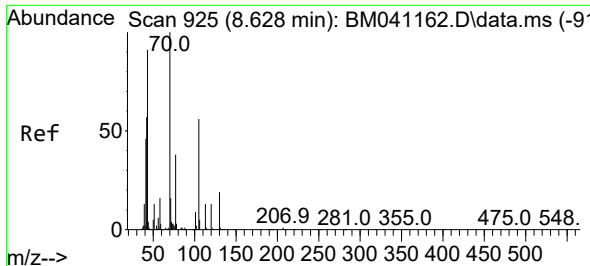
Tgt Ion:107 Resp: 410336
Ion Ratio Lower Upper
107 100
108 111.6 89.9 134.9
77 50.6 39.8 59.8
79 46.7 37.7 56.5



#18
Hexachloroethane
Concen: 54.871 ng
RT: 8.875 min Scan# 967
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:117 Resp: 206143
Ion Ratio Lower Upper
117 100
119 96.8 74.2 111.4
201 104.9 74.5 111.7

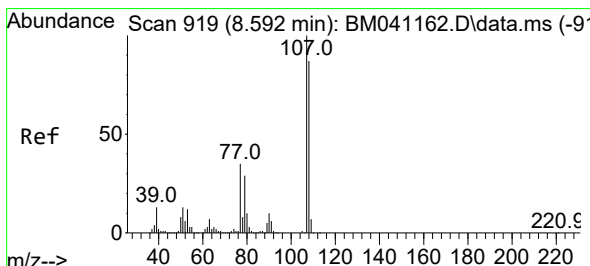
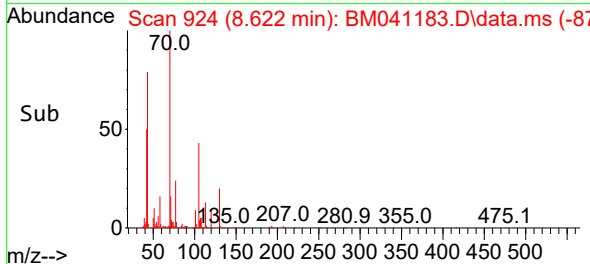
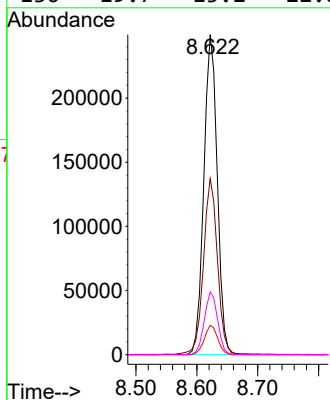
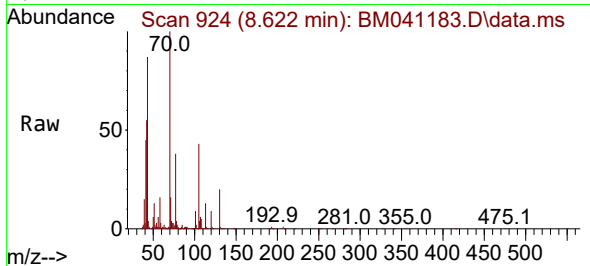




#19
n-Nitroso-di-n-propylamine
Concen: 51.522 ng
RT: 8.622 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

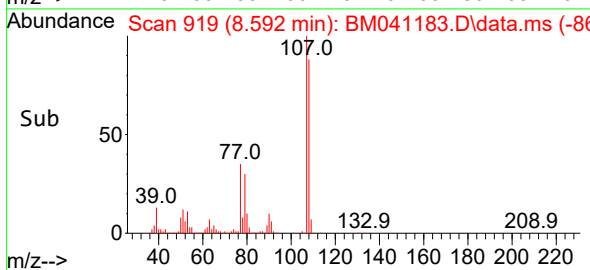
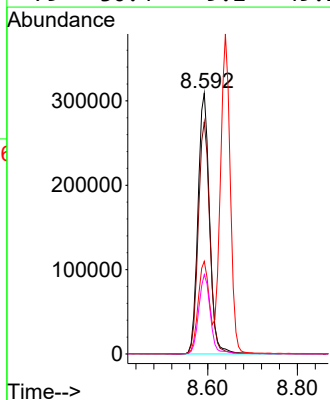
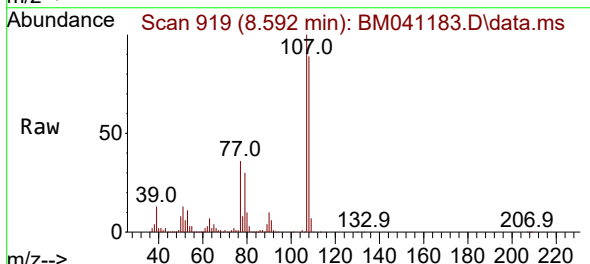
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

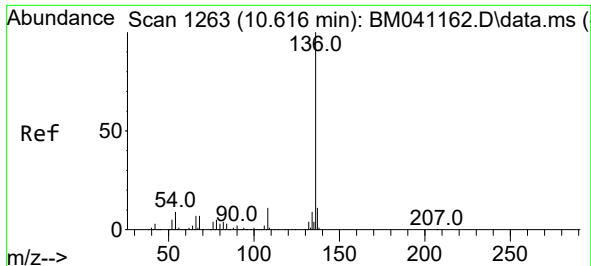
Tgt Ion:	70	Resp:	383245
Ion	Ratio	Lower	Upper
70	100		
42	55.0	45.8	68.8
101	9.2	7.4	11.0
130	19.7	15.2	22.8



#20
3+4-Methylphenols
Concen: 51.151 ng
RT: 8.592 min Scan# 919
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:	107	Resp:	552667
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.2	107.2
77	35.5	15.4	55.4
79	30.4	9.2	49.2

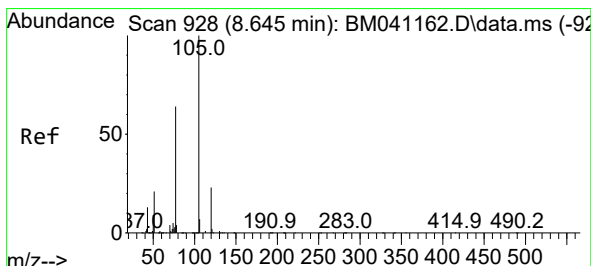
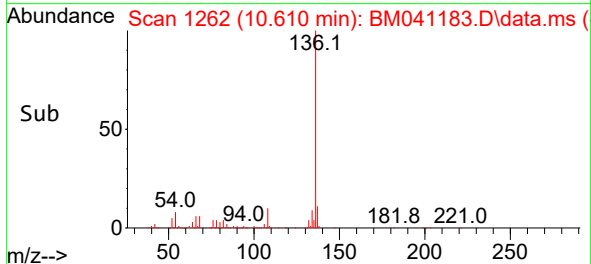
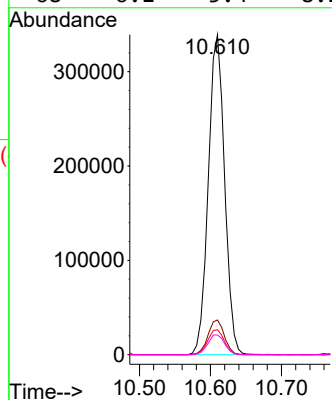
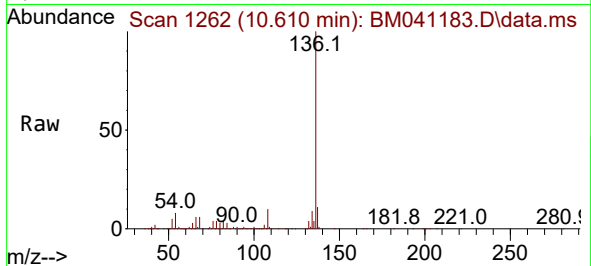




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

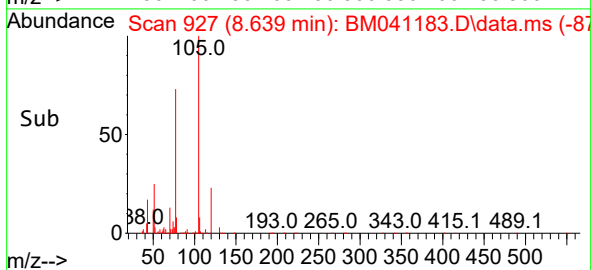
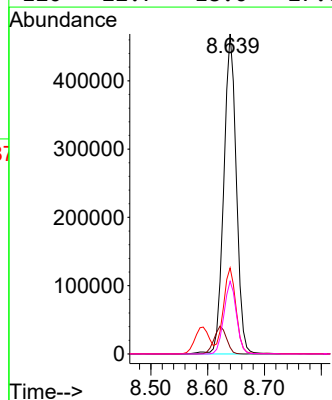
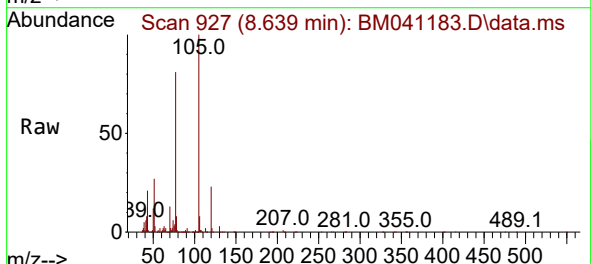
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

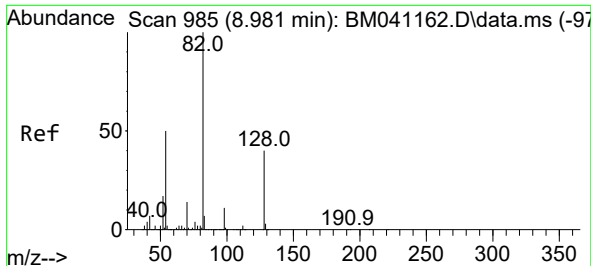
Tgt Ion:136 Resp: 541118
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 6.9 10.3
68 6.1 5.4 8.2



#22
Acetophenone
Concen: 50.404 ng
RT: 8.639 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:105 Resp: 722342
Ion Ratio Lower Upper
105 100
71 2.0 1.2 1.8#
51 26.9 22.0 33.0
120 22.7 18.0 27.0

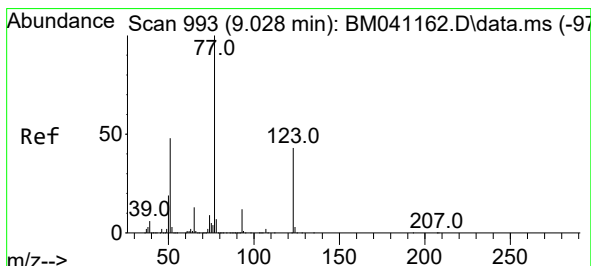
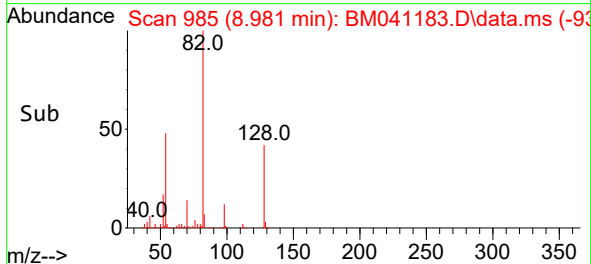
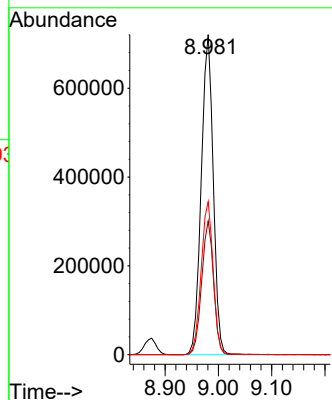
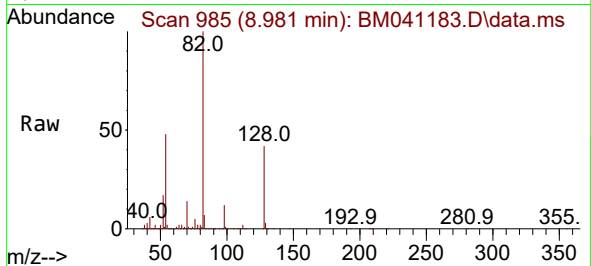




#23
Nitrobenzene-d5
Concen: 96.672 ng
RT: 8.981 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

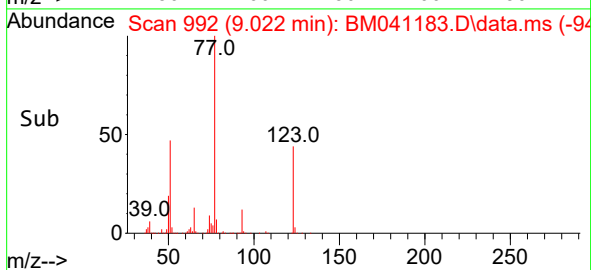
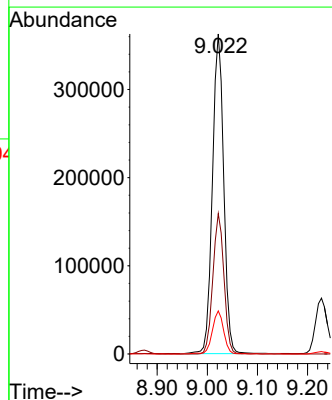
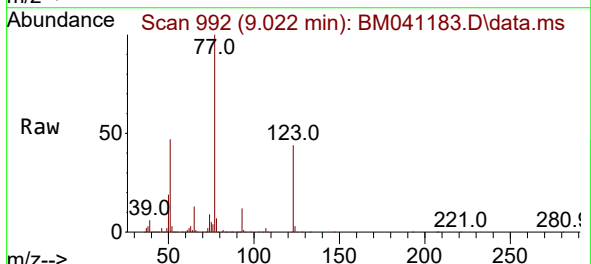
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

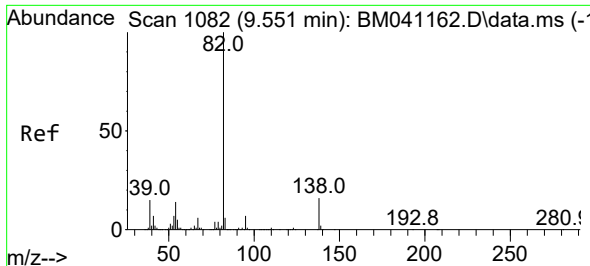
Tgt Ion: 82 Resp: 1124858
Ion Ratio Lower Upper
82 100
128 41.8 31.8 47.6
54 47.8 40.1 60.1



#24
Nitrobenzene
Concen: 48.061 ng
RT: 9.022 min Scan# 992
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 77 Resp: 565533
Ion Ratio Lower Upper
77 100
123 43.8 34.2 51.2
65 13.4 10.7 16.1

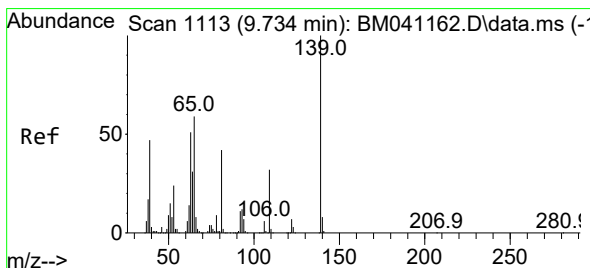
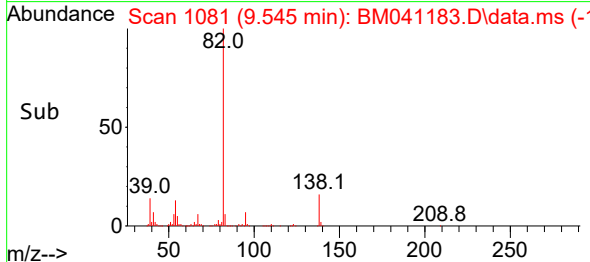
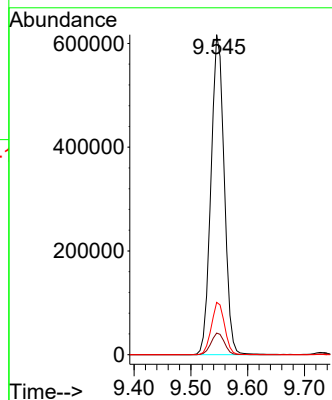
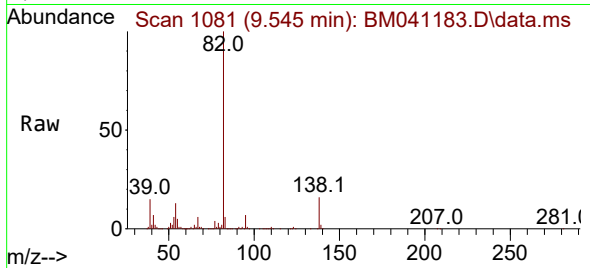




#25
Isophorone
Concen: 50.485 ng
RT: 9.545 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

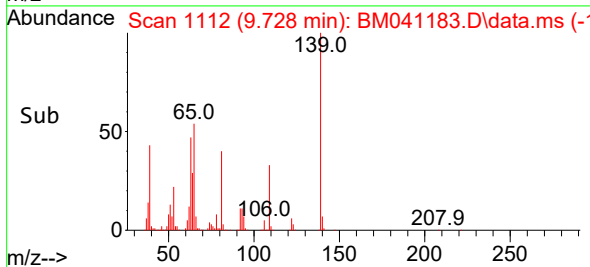
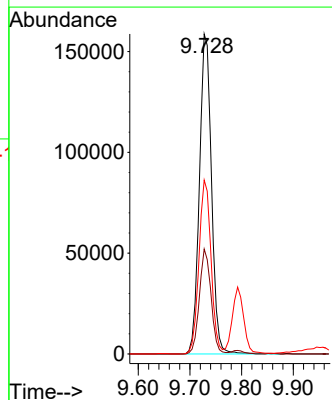
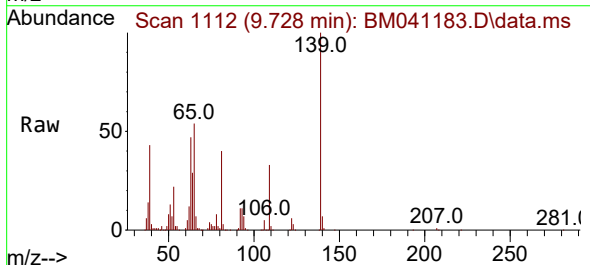
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

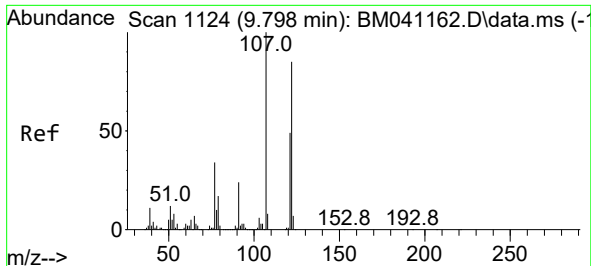
Tgt Ion: 82 Resp: 997175
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 16.4 12.8 19.2



#26
2-Nitrophenol
Concen: 56.071 ng
RT: 9.728 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 139 Resp: 257925
Ion Ratio Lower Upper
139 100
109 32.8 25.4 38.2
65 54.4 47.2 70.8

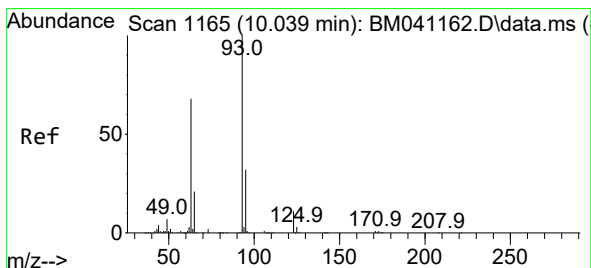
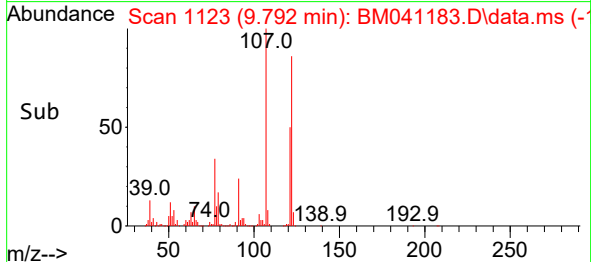
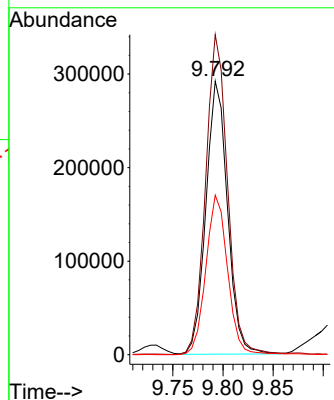
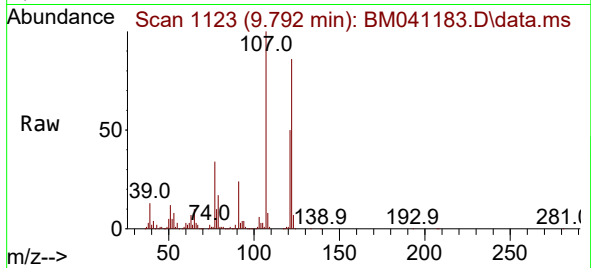




#27
2,4-Dimethylphenol
Concen: 54.205 ng
RT: 9.792 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

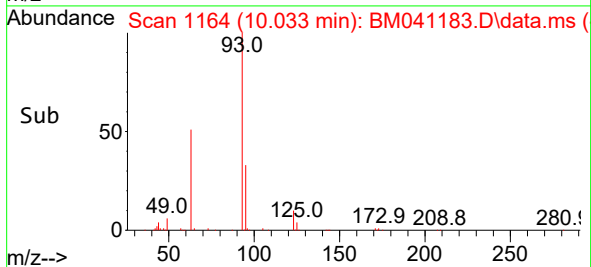
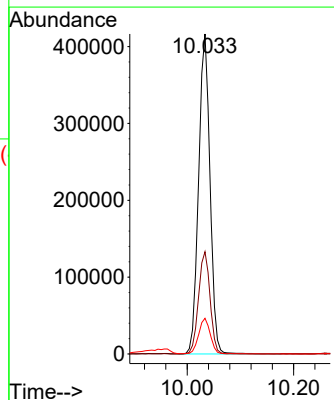
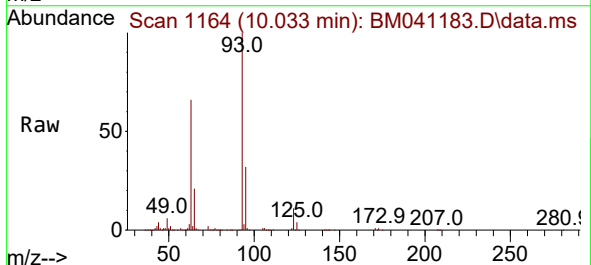
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

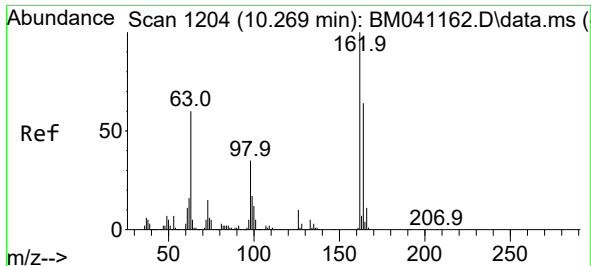
Tgt Ion:122 Resp: 438763
Ion Ratio Lower Upper
122 100
107 116.9 94.3 141.5
121 58.3 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 49.967 ng
RT: 10.033 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 93 Resp: 618226
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 54.084 ng

RT: 10.263 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

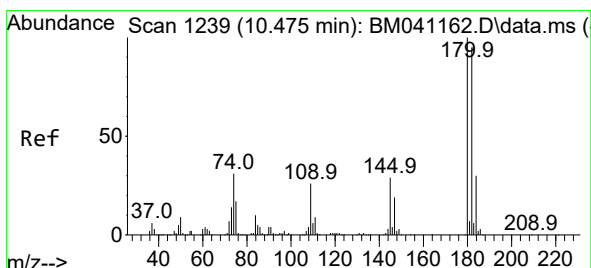
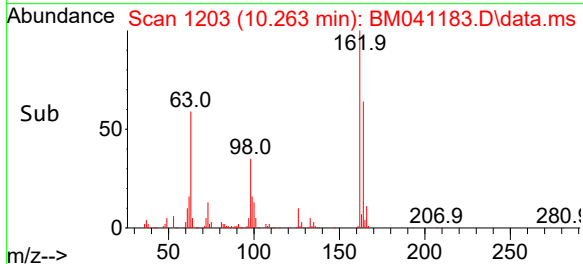
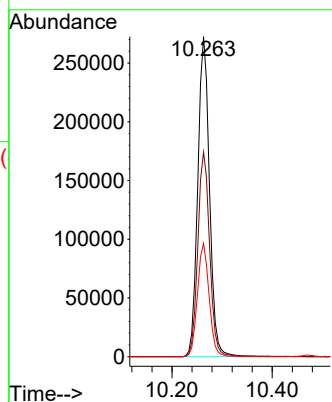
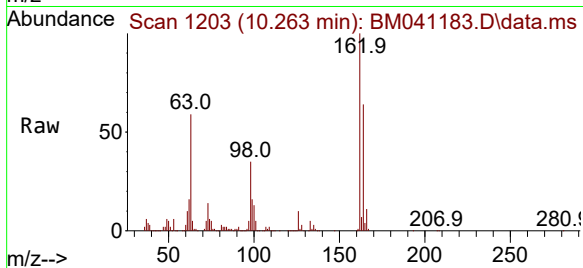
Tgt Ion:162 Resp: 441485

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

98 35.4 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 53.759 ng

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

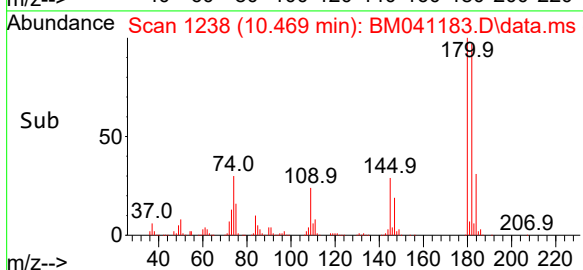
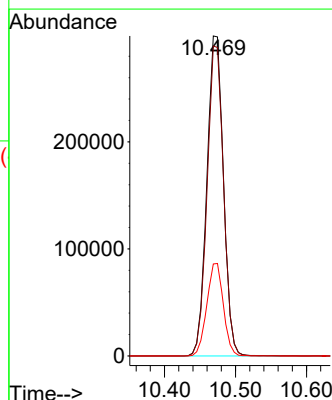
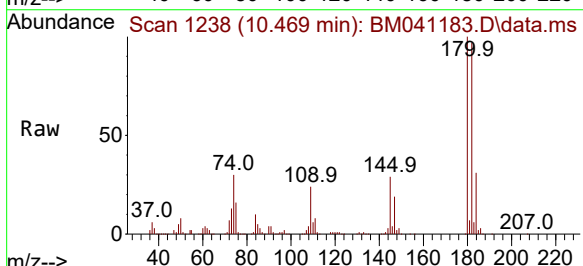
Tgt Ion:180 Resp: 484841

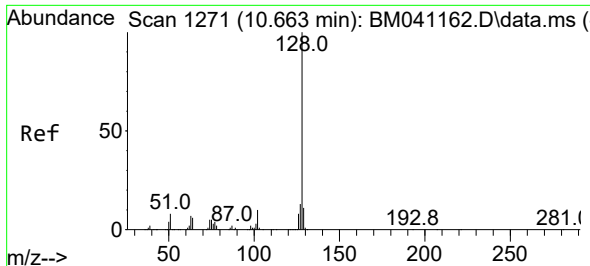
Ion Ratio Lower Upper

180 100

182 96.9 75.9 113.9

145 28.7 23.6 35.4

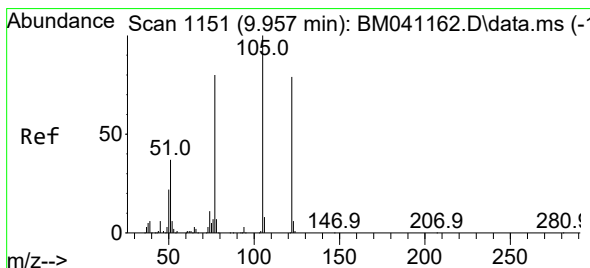
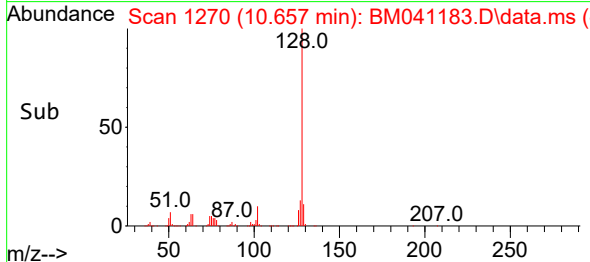
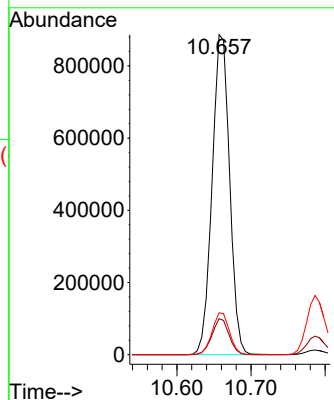
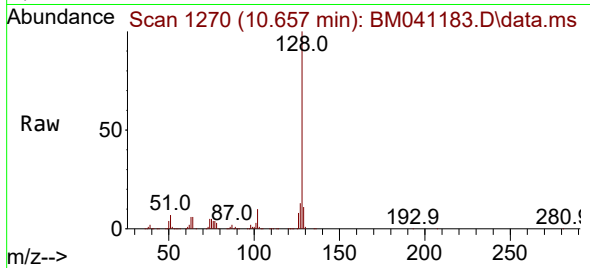




#31
Naphthalene
Concen: 49.474 ng
RT: 10.657 min Scan# 111
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

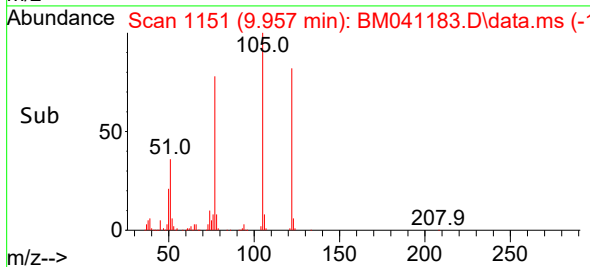
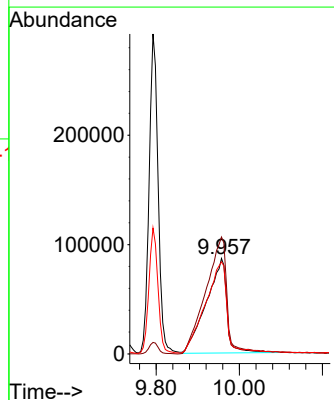
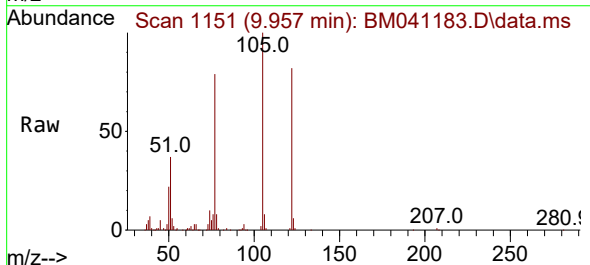
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

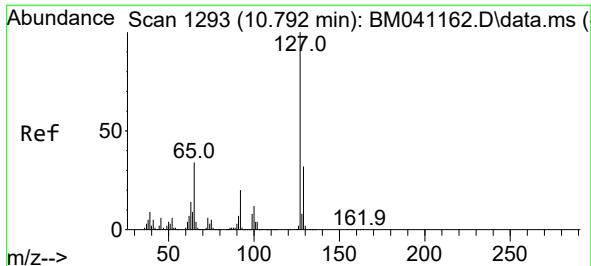
Tgt Ion:128 Resp: 1452771
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 48.781 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:122 Resp: 297392
Ion Ratio Lower Upper
122 100
105 122.4 104.0 144.0
77 96.4 79.9 119.9

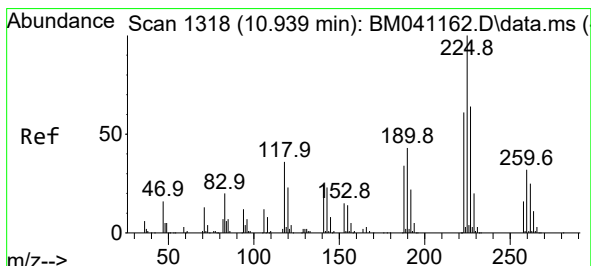
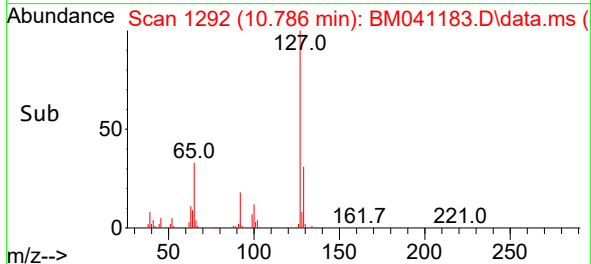
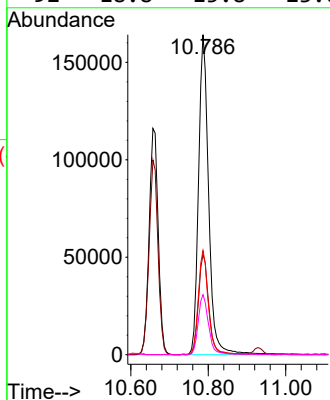
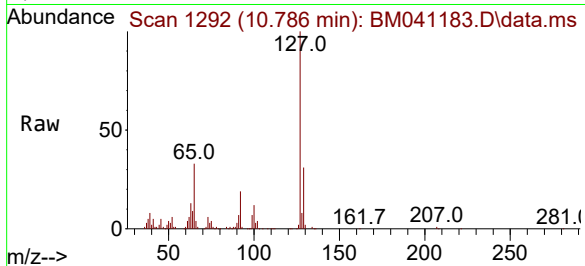




#33
4-Chloroaniline
Concen: 25.414 ng
RT: 10.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

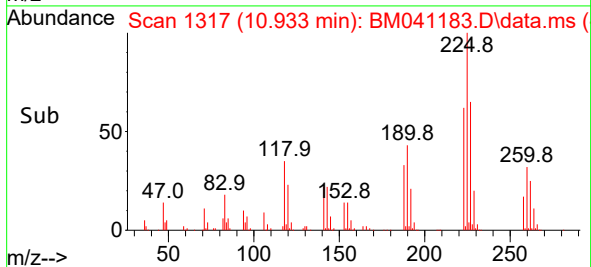
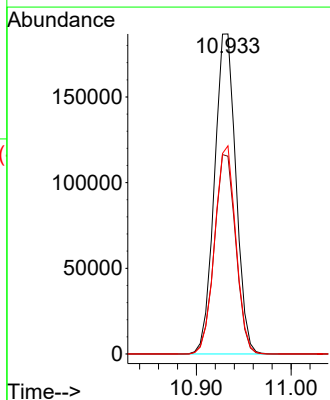
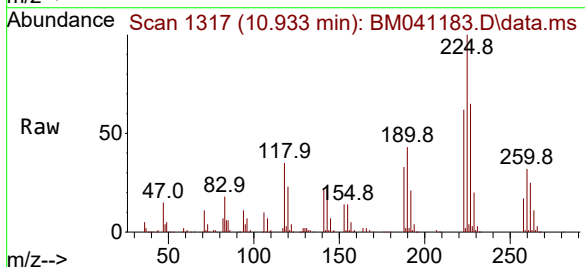
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

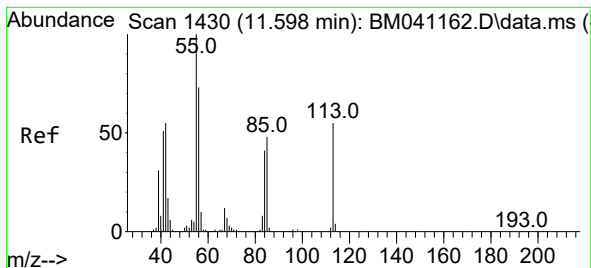
Tgt Ion:	127	Resp:	298228
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	32.6	26.9	40.3
92	18.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 54.232 ng
RT: 10.933 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:	225	Resp:	294160
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.0	73.4
227	65.0	50.8	76.2





#35

Caprolactam

Concen: 29.615 ng

RT: 11.598 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

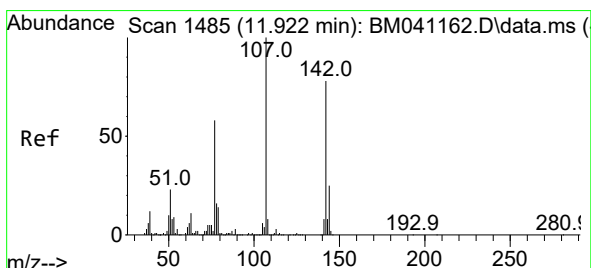
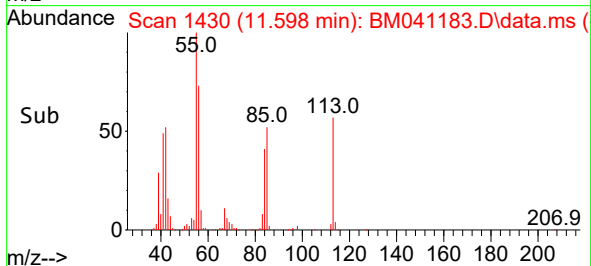
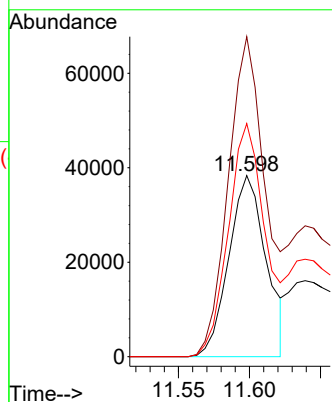
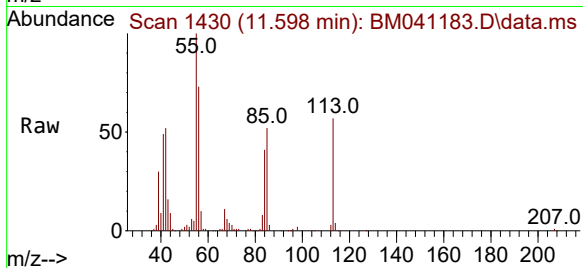
Tgt Ion:113 Resp: 69931

Ion Ratio Lower Upper

113 100

55 176.6 162.5 202.5

56 128.7 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 52.039 ng

RT: 11.922 min Scan# 1485

Delta R.T. 0.006 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

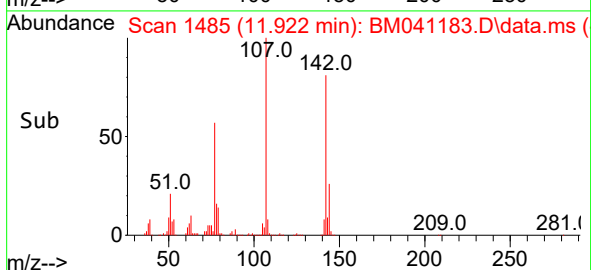
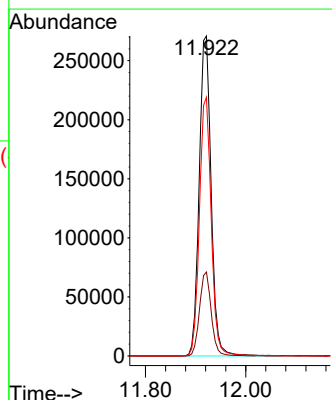
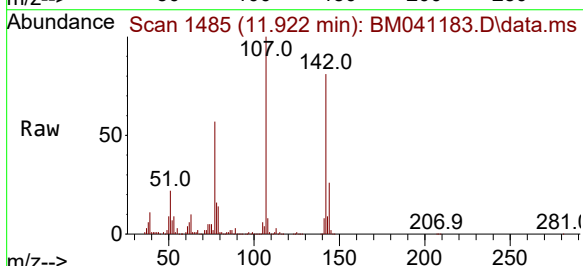
Tgt Ion:107 Resp: 447097

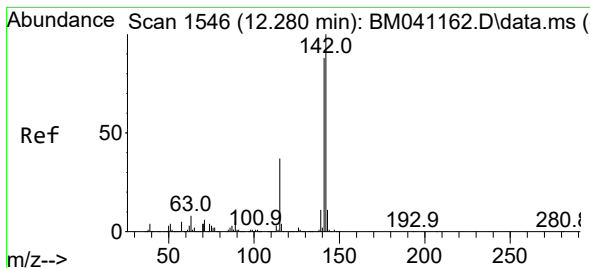
Ion Ratio Lower Upper

107 100

144 26.2 20.1 30.1

142 80.8 62.2 93.4

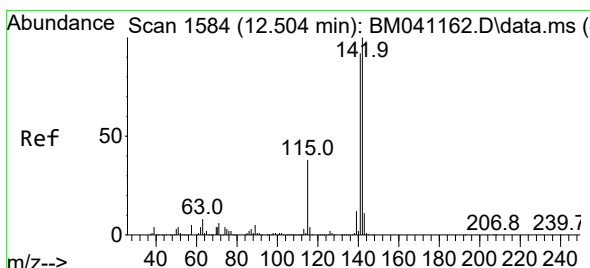
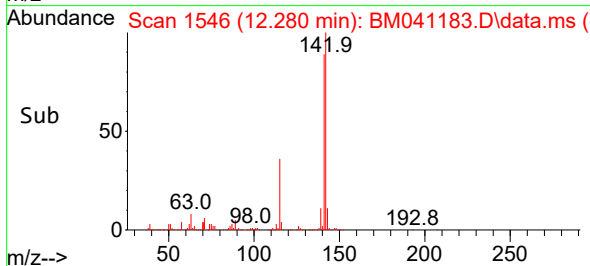
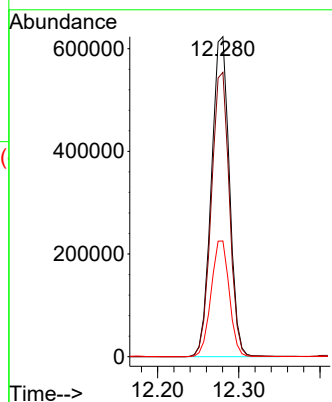
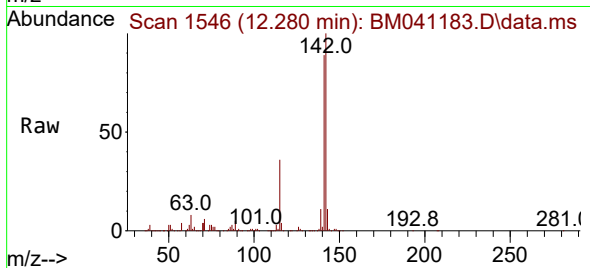




#37
2-Methylnaphthalene
Concen: 48.574 ng
RT: 12.280 min Scan# 1546
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

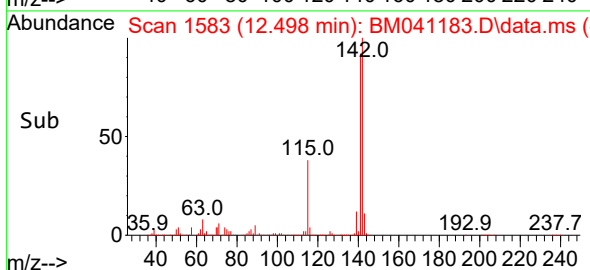
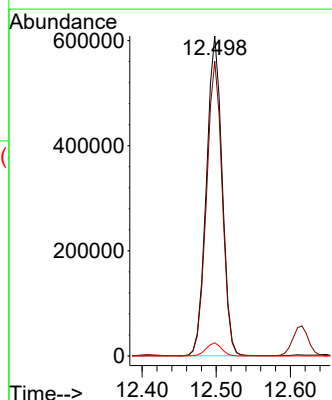
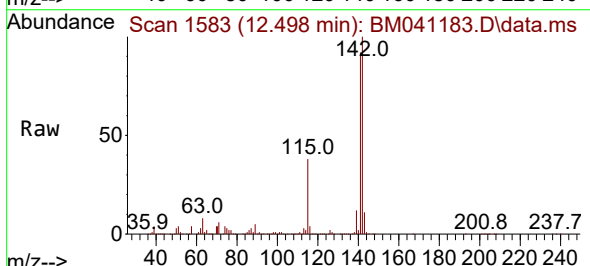
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

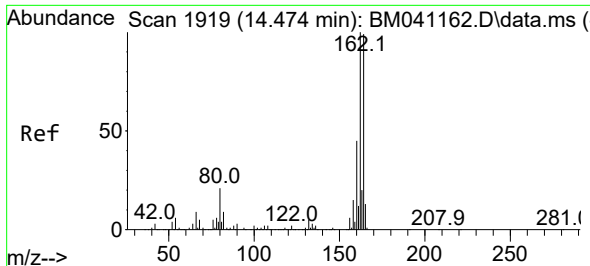
Tgt Ion:142 Resp: 961614
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1
115 36.2 29.3 43.9



#38
1-Methylnaphthalene
Concen: 48.408 ng
RT: 12.498 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:142 Resp: 896940
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 4.1 3.2 4.8

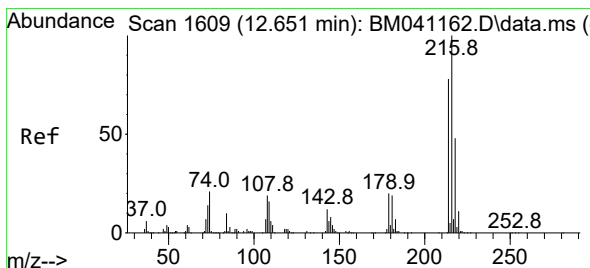
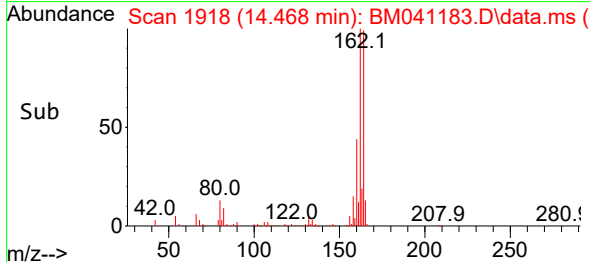
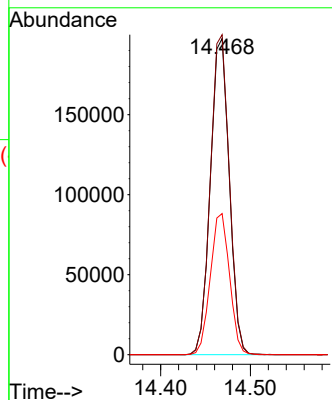
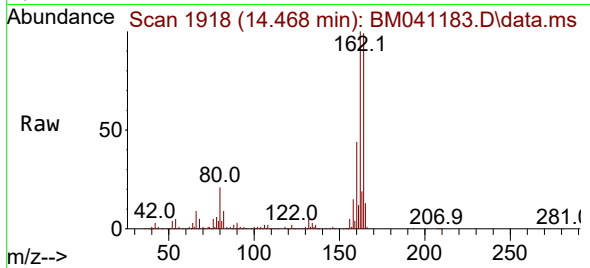




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

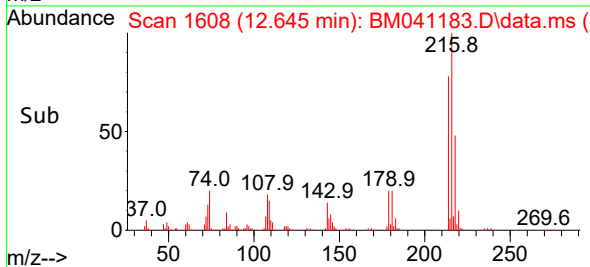
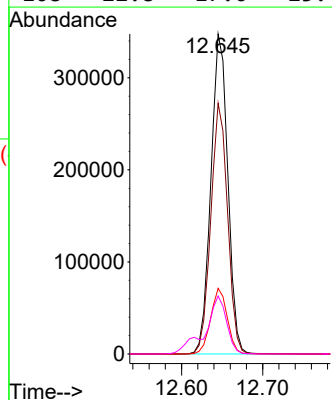
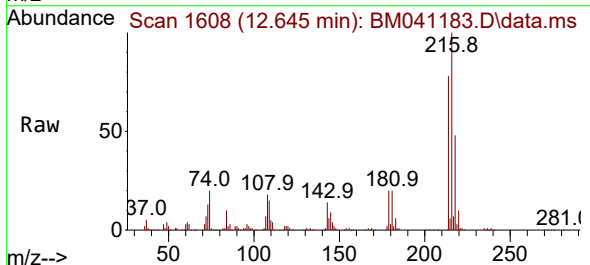
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

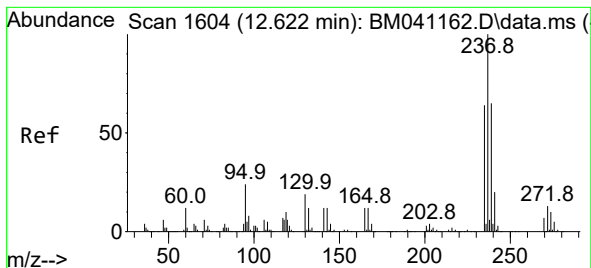
Tgt Ion:164 Resp: 289154
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 44.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.503 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

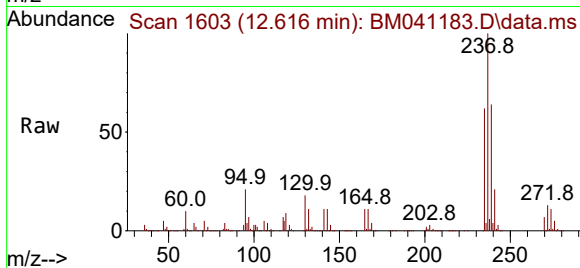
Tgt Ion:216 Resp: 502347
Ion Ratio Lower Upper
216 100
214 77.7 63.2 94.8
179 20.1 16.2 24.2
108 22.8 17.0 25.4



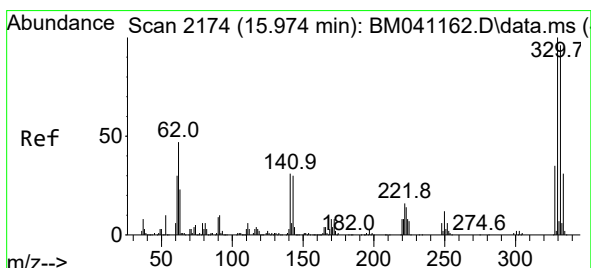
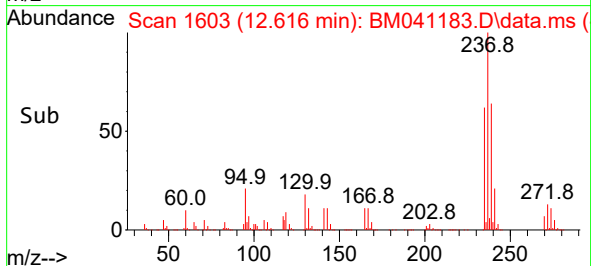
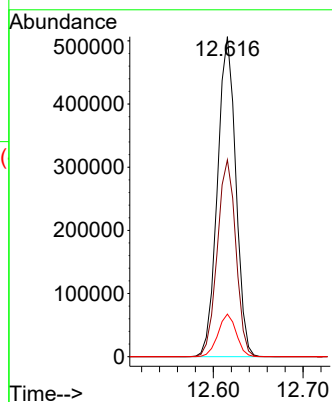


#41
Hexachlorocyclopentadiene
Concen: 144.779 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Instrument :
BNA_M
ClientSampleId :
PB154262BSD

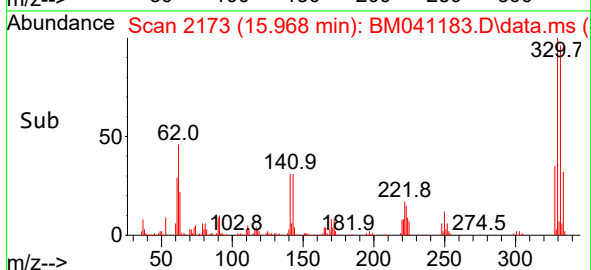
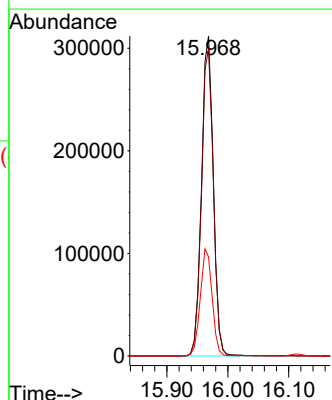
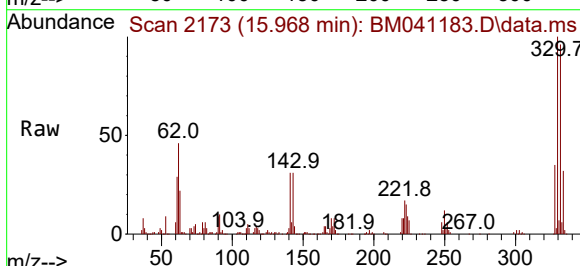


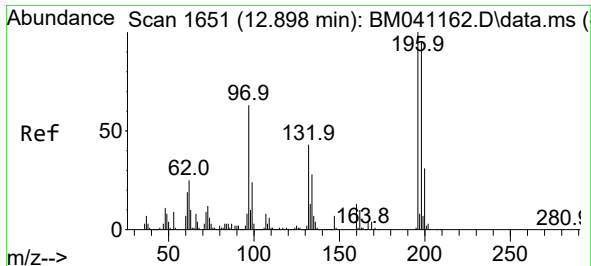
Tgt Ion:237 Resp: 719161
Ion Ratio Lower Upper
237 100
235 61.5 43.6 83.6
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 102.547 ng
RT: 15.968 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:330 Resp: 419409
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 33.7 28.3 42.5

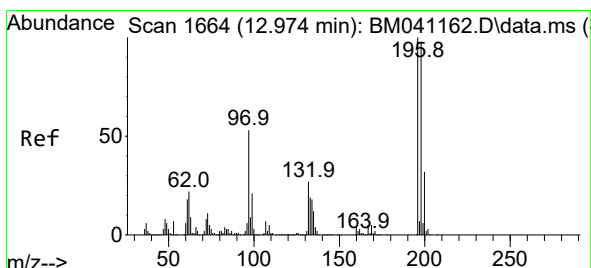
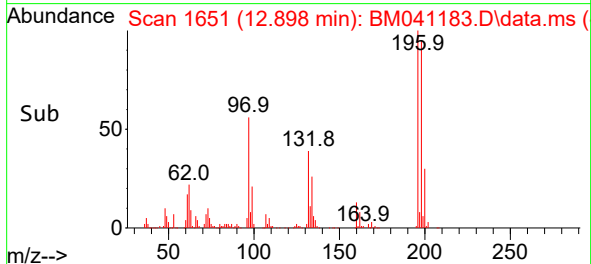
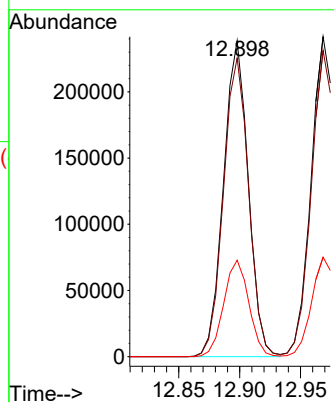
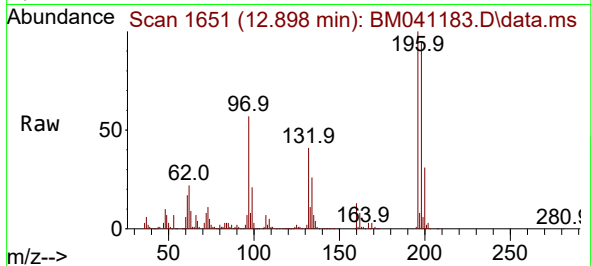




#43
2,4,6-Trichlorophenol
Concen: 56.219 ng
RT: 12.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

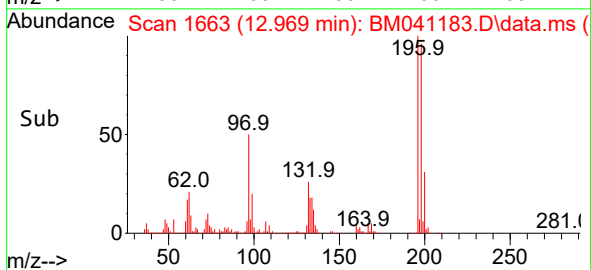
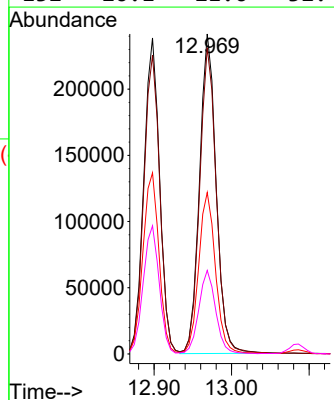
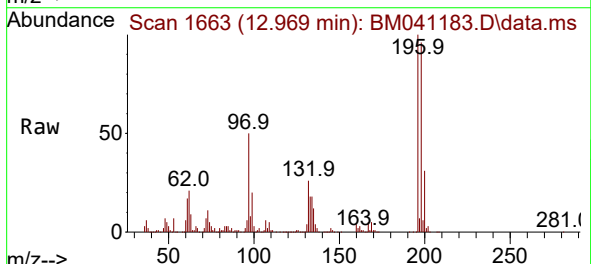
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

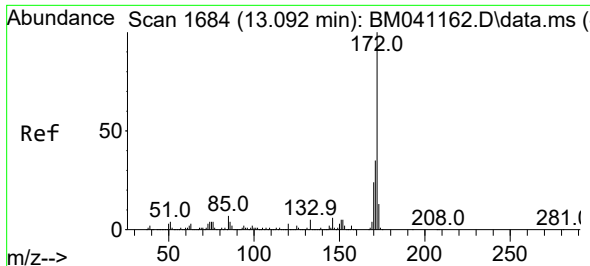
Tgt Ion:196 Resp: 338319
Ion Ratio Lower Upper
196 100
198 94.6 76.2 114.4
200 30.6 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 51.768 ng
RT: 12.969 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:196 Resp: 360575
Ion Ratio Lower Upper
196 100
198 95.7 78.2 117.4
97 50.5 42.7 64.1
132 26.1 21.6 32.4

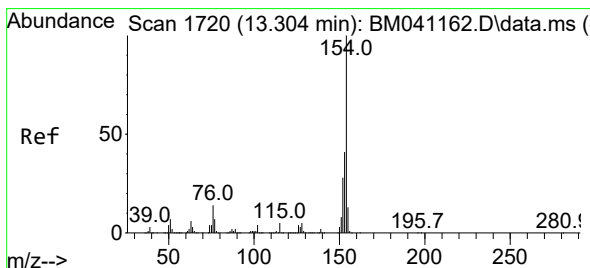
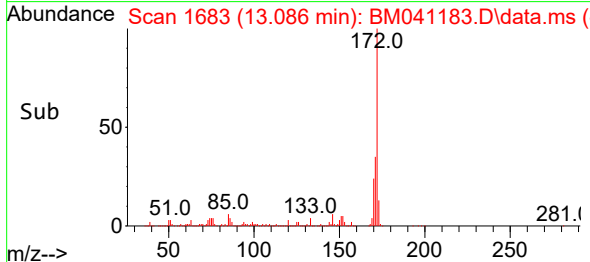
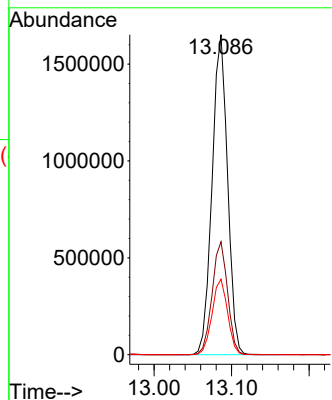
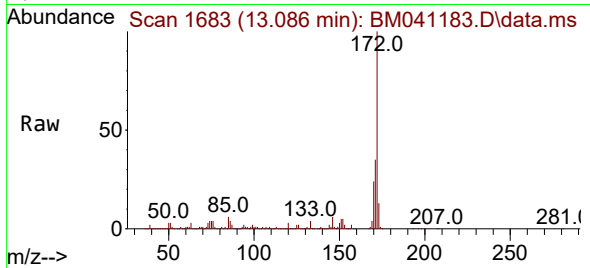




#45
2-Fluorobiphenyl
Concen: 99.881 ng
RT: 13.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

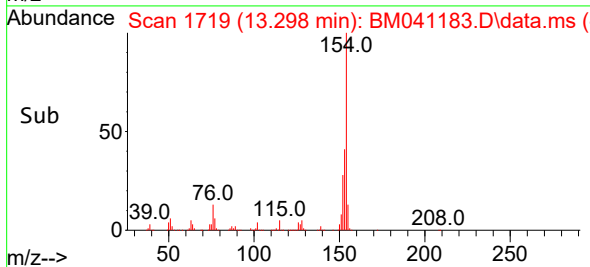
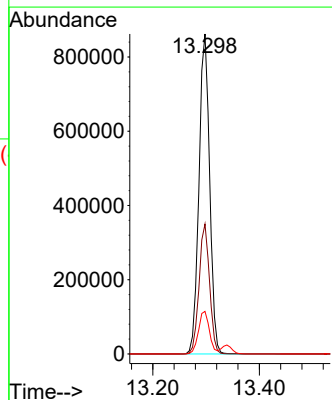
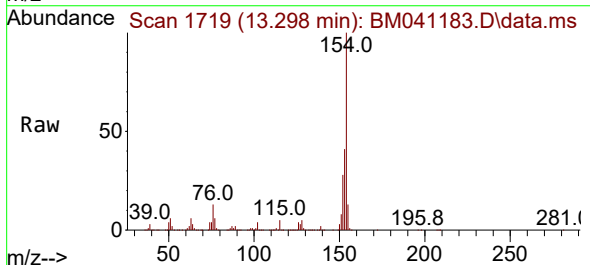
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

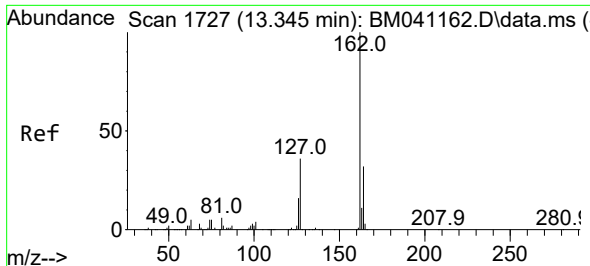
Tgt Ion:172 Resp: 2286257
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 51.174 ng
RT: 13.298 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:154 Resp: 1199586
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 13.3 0.0 34.1

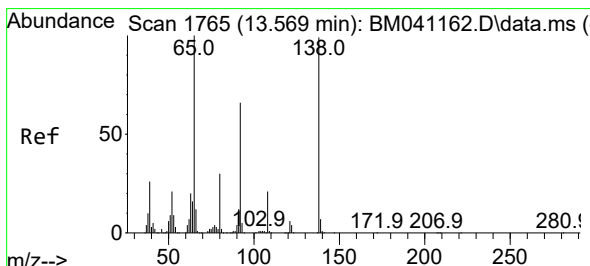
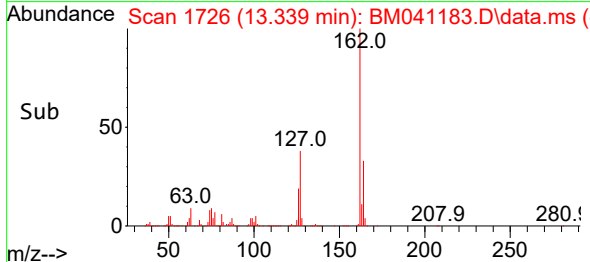
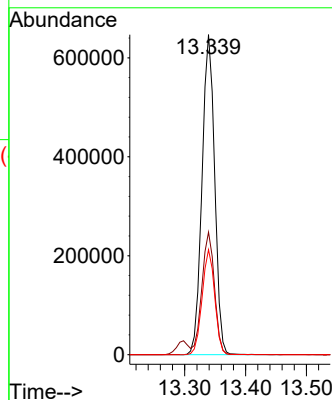
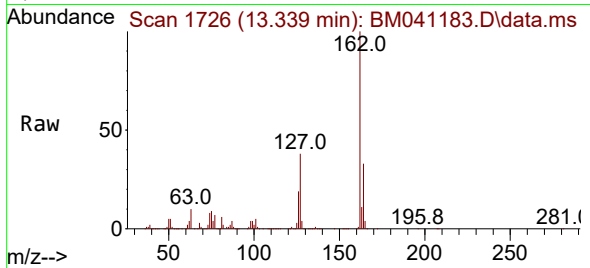




#47
2-Chloronaphthalene
Concen: 53.232 ng
RT: 13.339 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

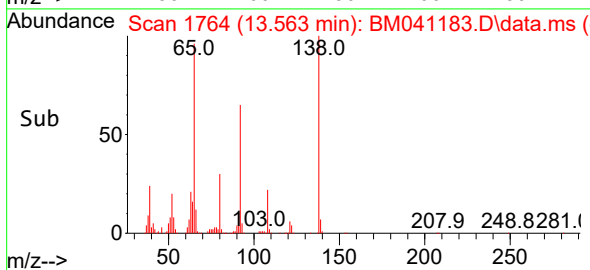
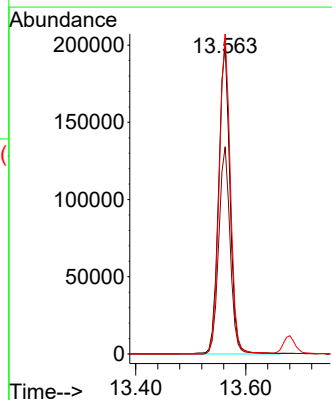
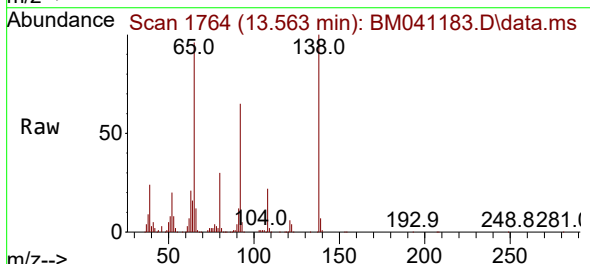
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

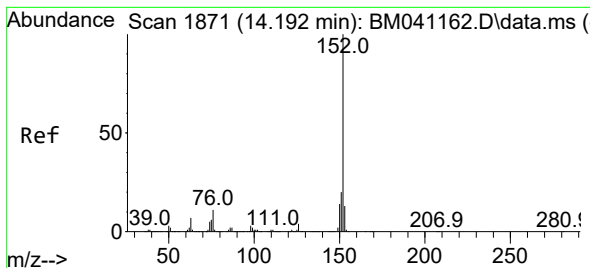
Tgt Ion:162 Resp: 931727
Ion Ratio Lower Upper
162 100
127 38.3 30.6 45.8
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 51.549 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion: 65 Resp: 288003
Ion Ratio Lower Upper
65 100
92 67.1 53.0 79.4
138 103.7 79.1 118.7





#49

Acenaphthylene

Concen: 51.359 ng

RT: 14.186 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

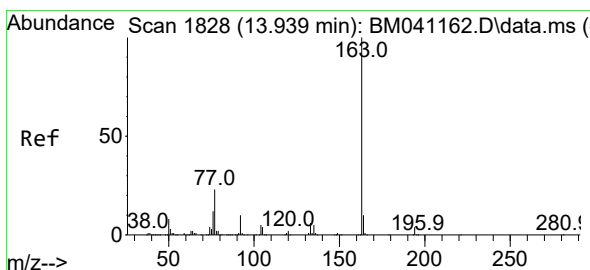
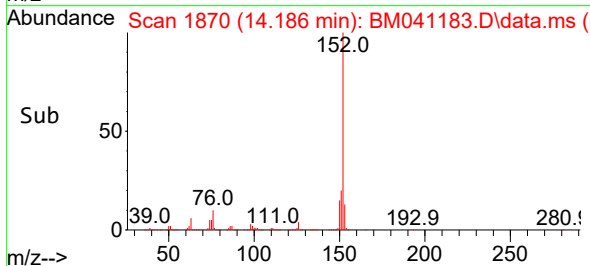
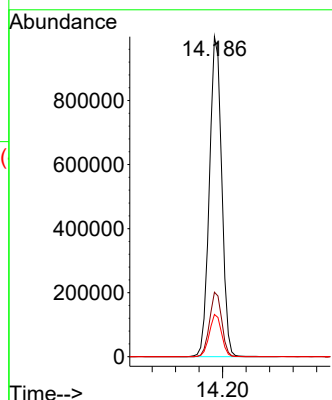
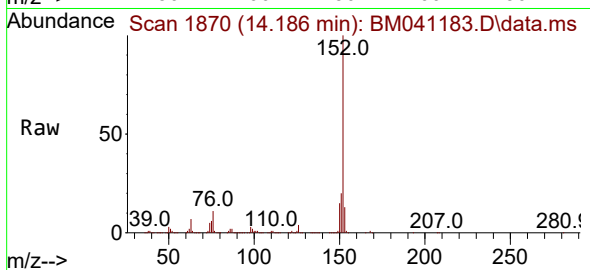
Tgt Ion:152 Resp: 1450939

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 51.785 ng

RT: 13.939 min Scan# 1828

Delta R.T. 0.006 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

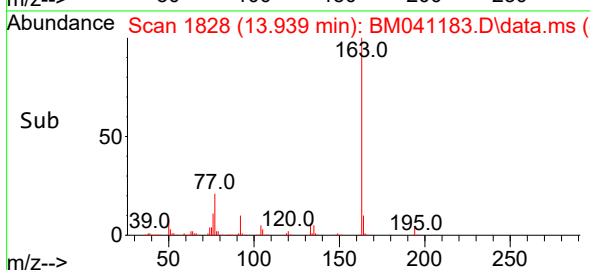
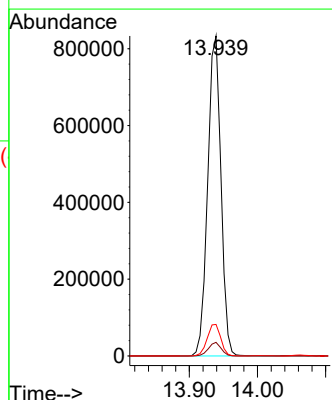
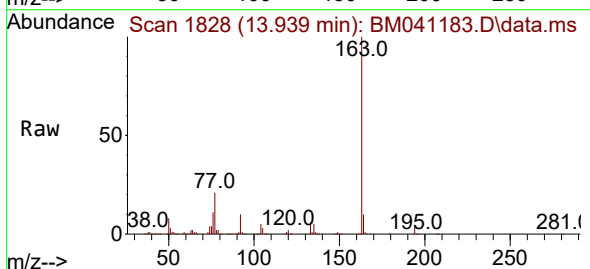
Tgt Ion:163 Resp: 1126354

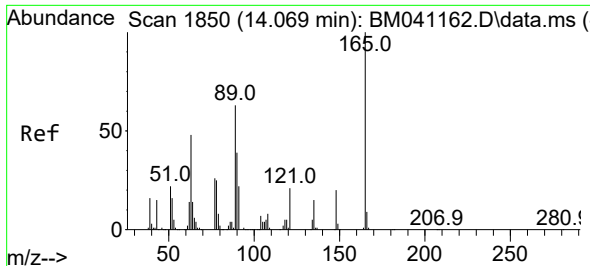
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.3 12.5

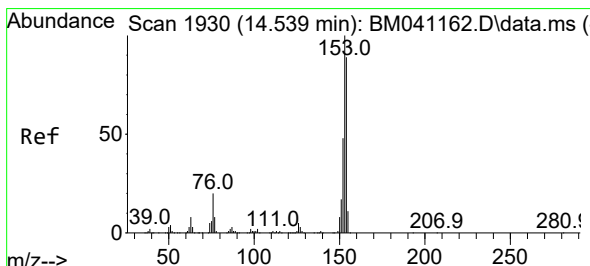
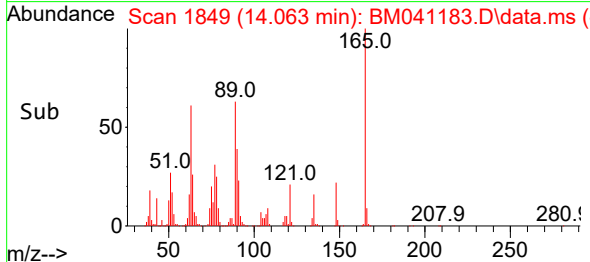
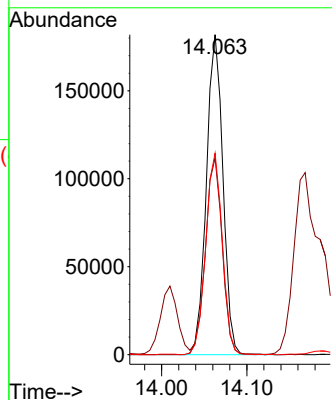
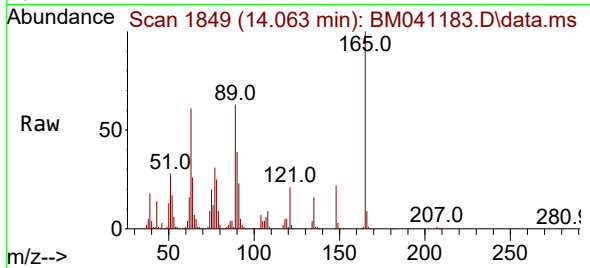




#51
2,6-Dinitrotoluene
Concen: 54.291 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

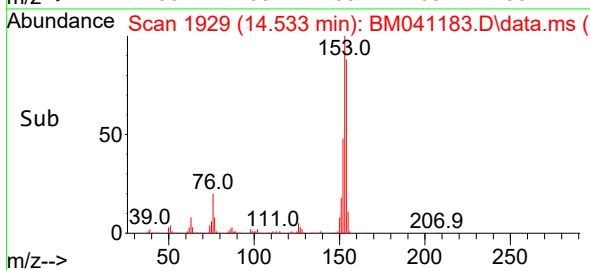
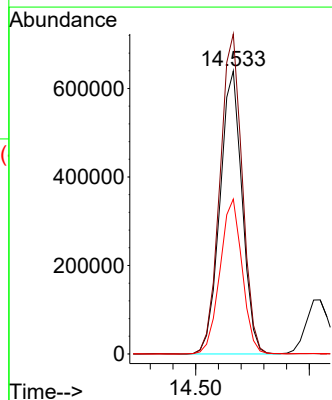
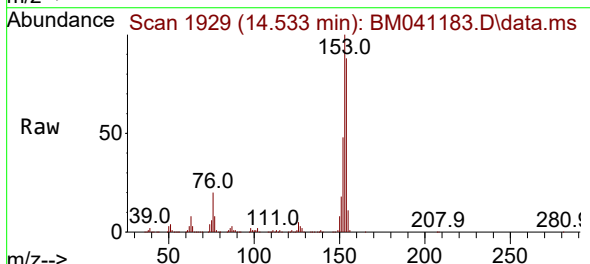
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

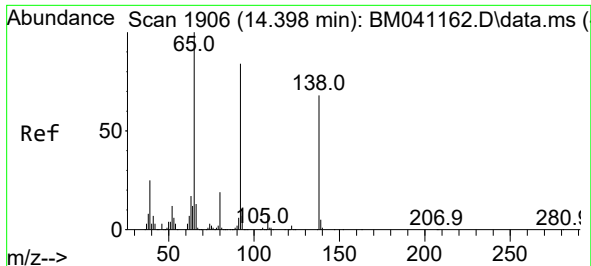
Tgt Ion:165 Resp: 244674
Ion Ratio Lower Upper
165 100
63 61.5 50.9 76.3
89 63.0 50.6 76.0



#52
Acenaphthene
Concen: 50.845 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:154 Resp: 865338
Ion Ratio Lower Upper
154 100
153 113.1 90.2 135.4
152 54.7 43.4 65.0

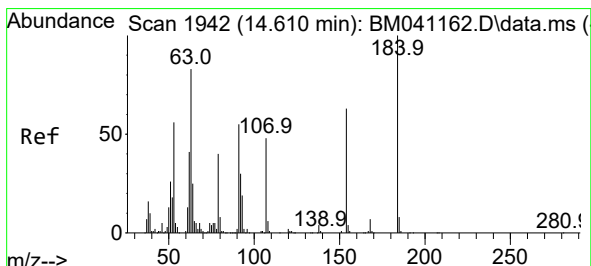
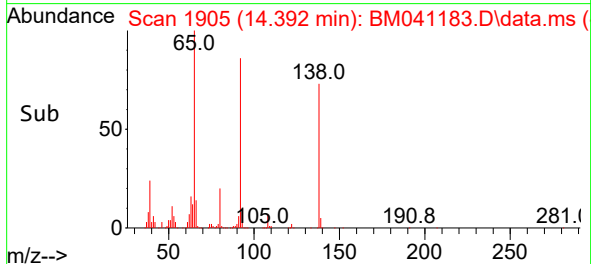
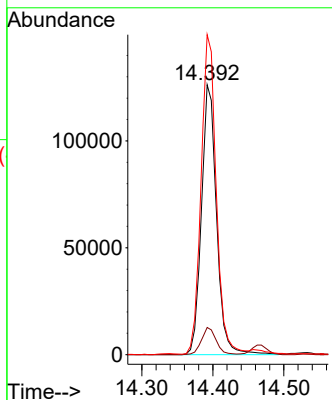
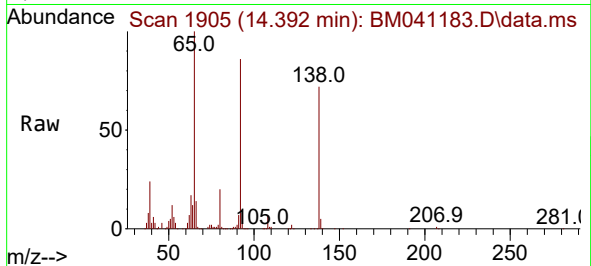




#53
3-Nitroaniline
Concen: 36.630 ng
RT: 14.392 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

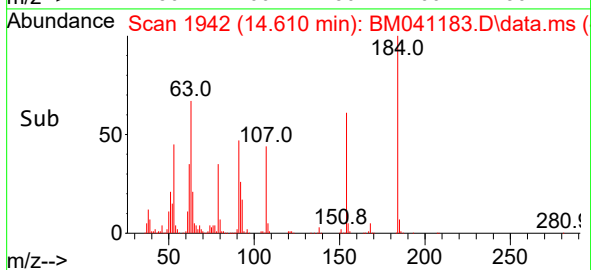
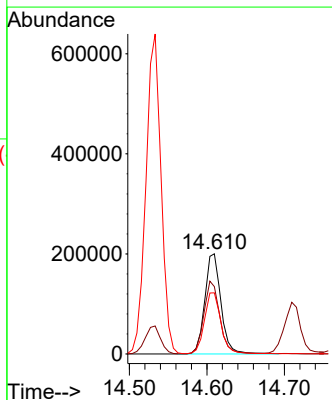
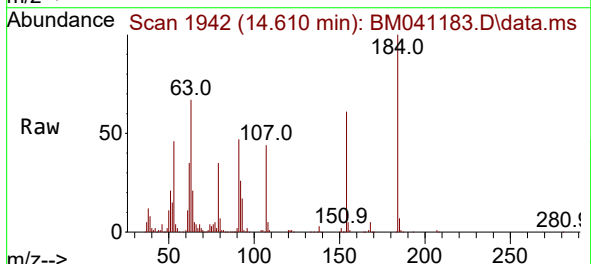
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

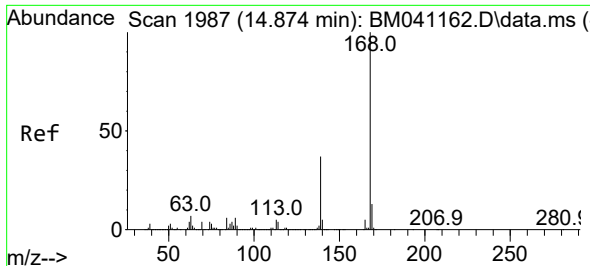
Tgt Ion:138 Resp: 187665
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 118.6 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 94.207 ng
RT: 14.610 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:184 Resp: 290110
Ion Ratio Lower Upper
184 100
63 67.3 66.5 99.7
154 61.0 52.8 79.2

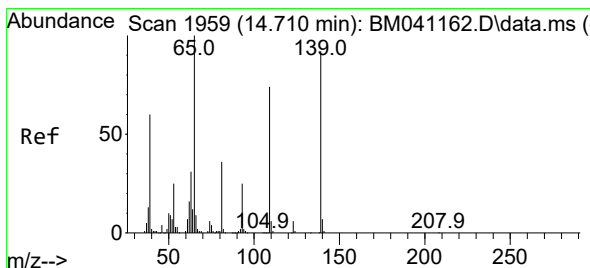
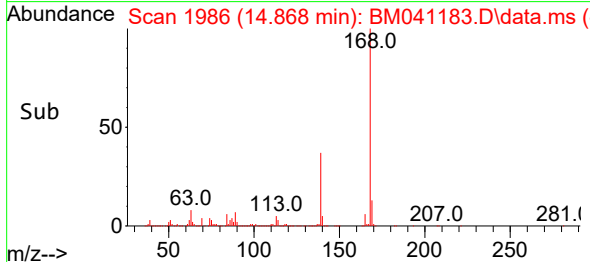
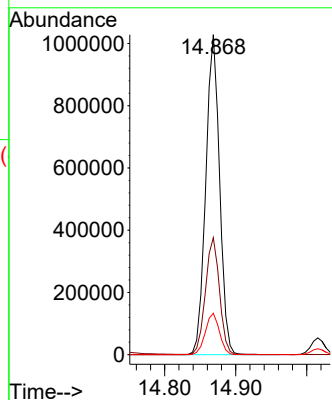
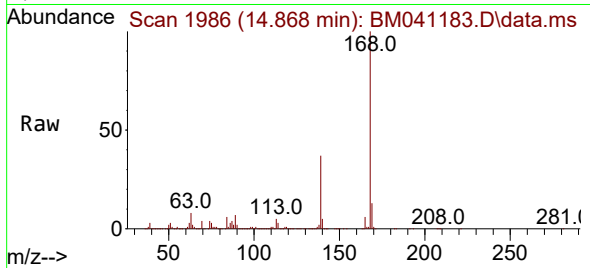




#55
Dibenzenofuran
Concen: 50.088 ng
RT: 14.868 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

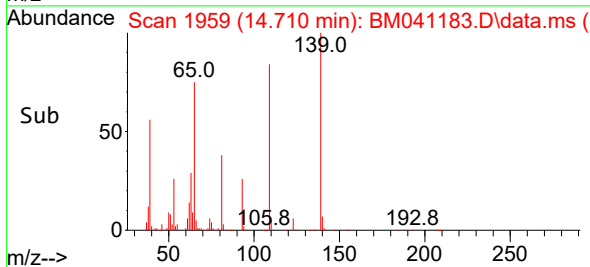
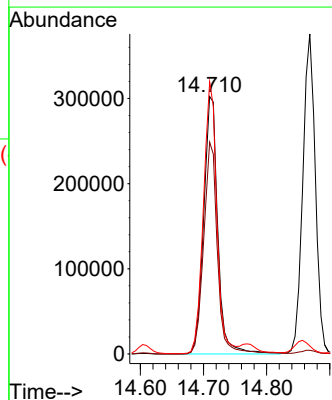
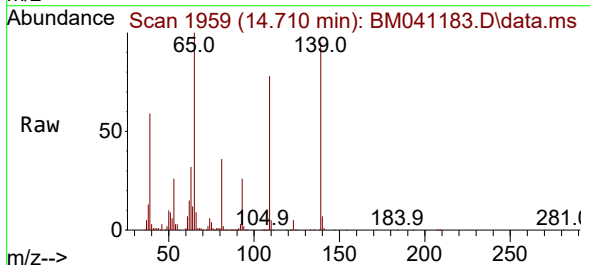
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

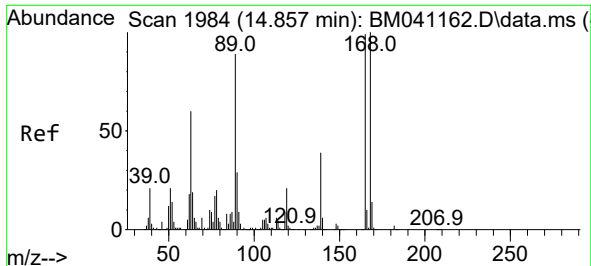
Tgt Ion:168 Resp: 1390829
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.6
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 124.825 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:139 Resp: 468846
Ion Ratio Lower Upper
139 100
109 82.3 61.2 101.2
65 105.8 89.5 129.5

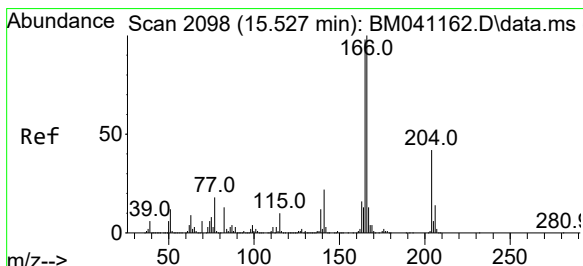
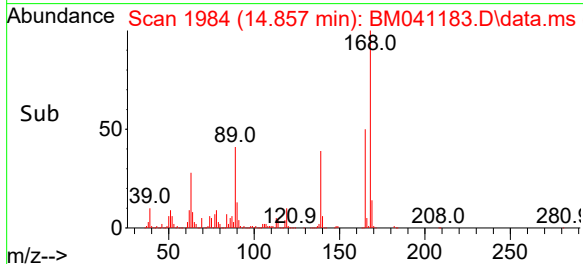
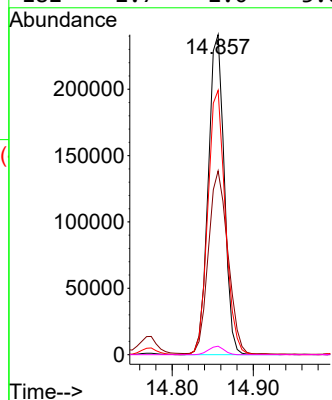
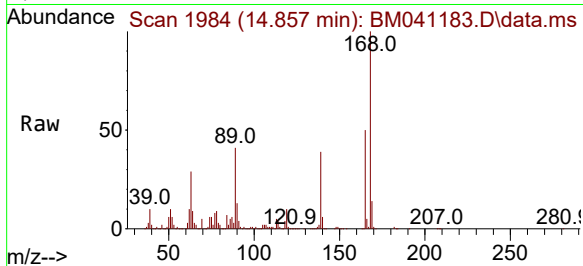




#57
2,4-Dinitrotoluene
Concen: 50.884 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

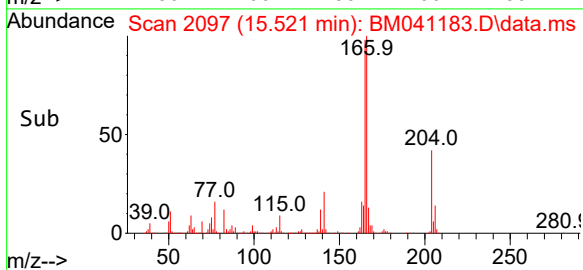
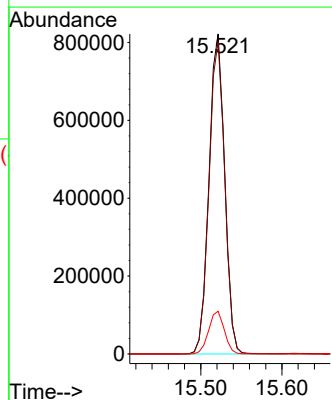
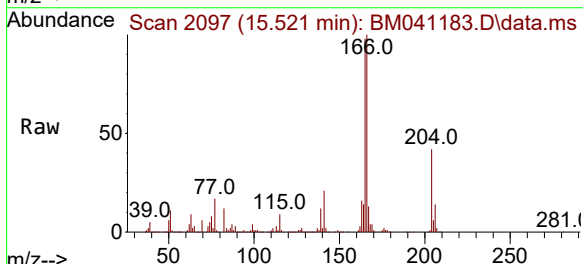
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

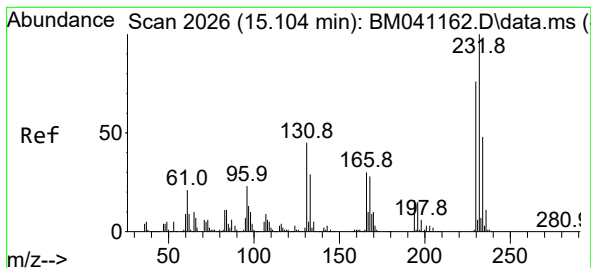
Tgt Ion:165 Resp: 328580
Ion Ratio Lower Upper
165 100
63 57.5 48.3 72.5
89 82.6 71.8 107.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 50.374 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:166 Resp: 1103487
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.4 10.6 16.0

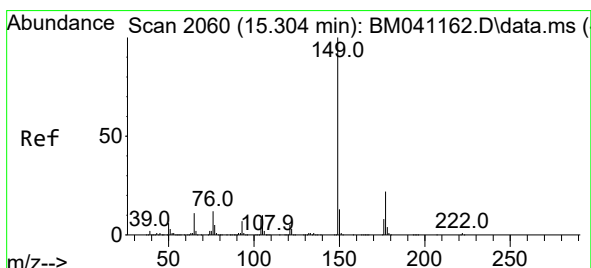
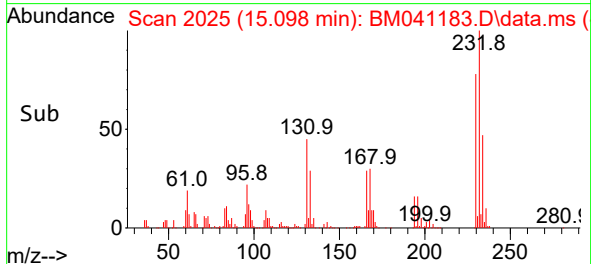
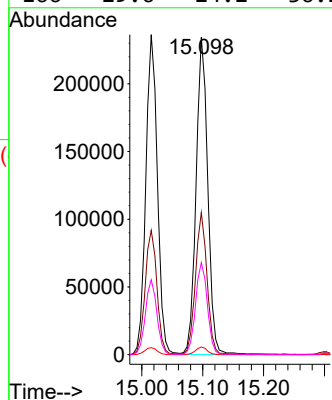
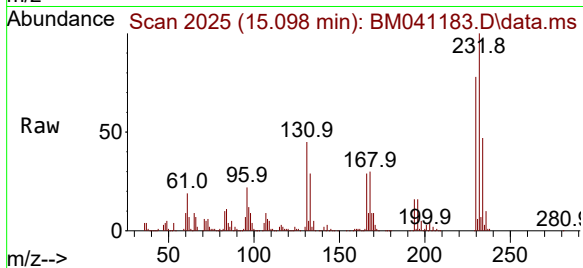




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.359 ng
RT: 15.098 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

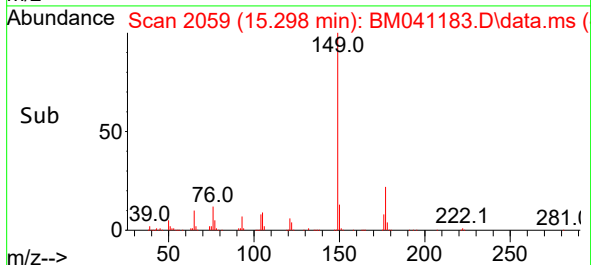
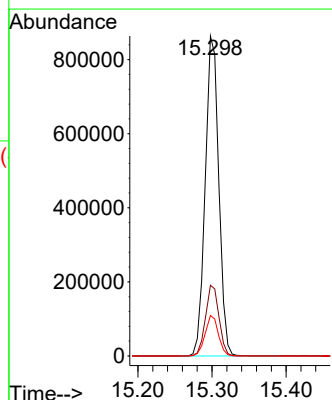
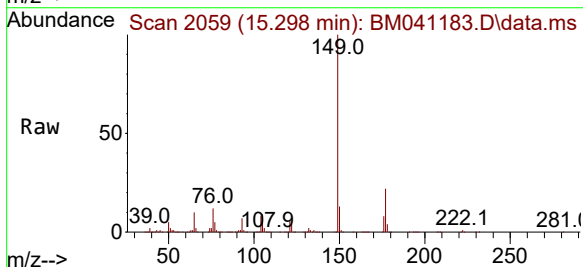
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

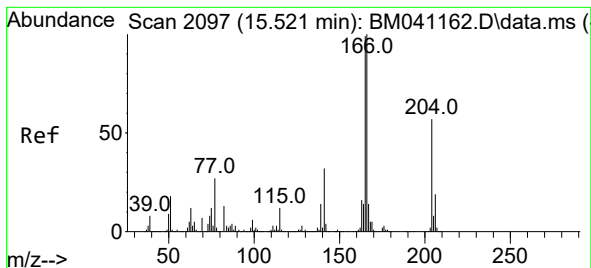
Tgt Ion:232 Resp: 312240
Ion Ratio Lower Upper
232 100
131 44.3 36.9 55.3
130 2.4 2.0 3.0
166 29.6 24.2 36.2



#60
Diethylphthalate
Concen: 52.150 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:149 Resp: 1096924
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.7 10.1 15.1

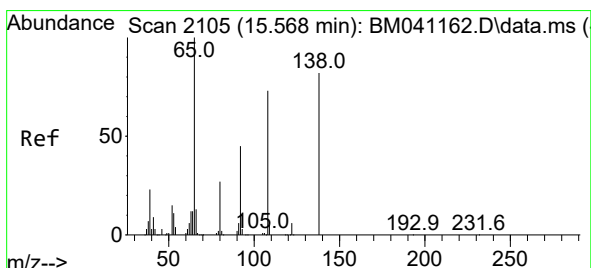
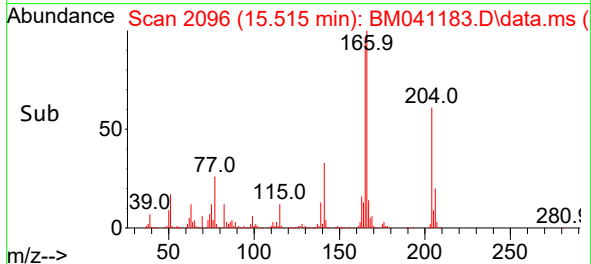
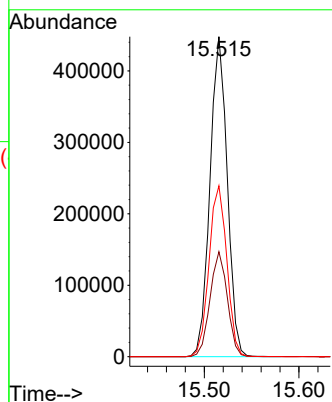
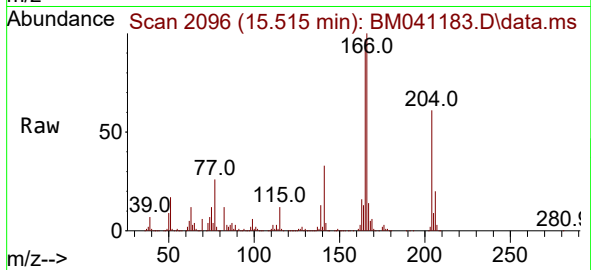




#61
4-Chlorophenyl-phenylether
Concen: 51.669 ng
RT: 15.515 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

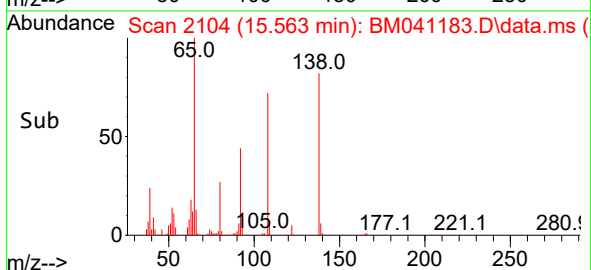
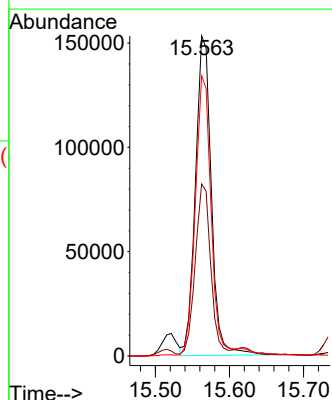
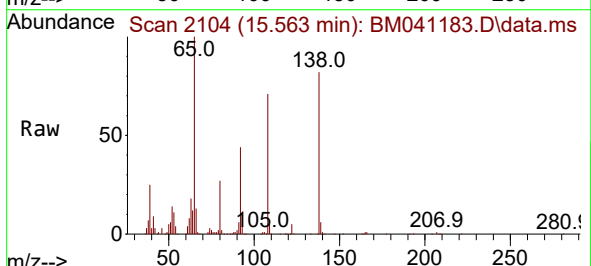
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

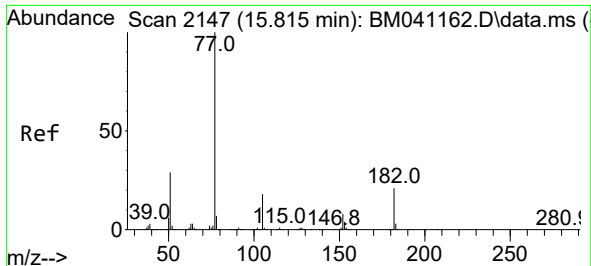
Tgt Ion:204 Resp: 567172
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 53.4 44.8 67.2



#62
4-Nitroaniline
Concen: 47.580 ng
RT: 15.563 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:138 Resp: 228513
Ion Ratio Lower Upper
138 100
92 53.8 35.1 75.1
108 87.5 67.8 107.8

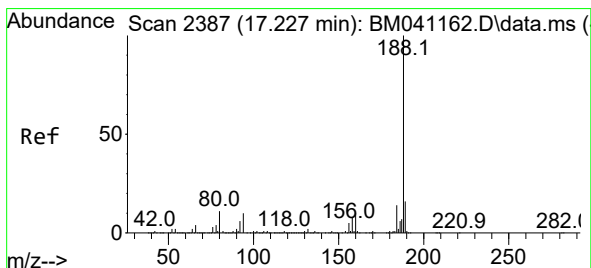
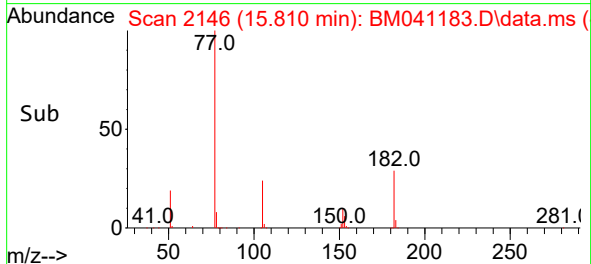
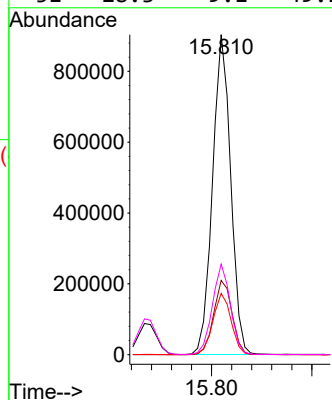
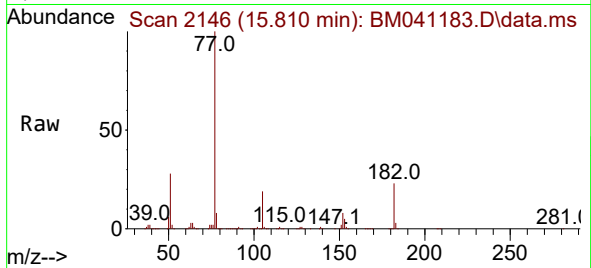




#63
Azobenzene
Concen: 49.263 ng
RT: 15.810 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

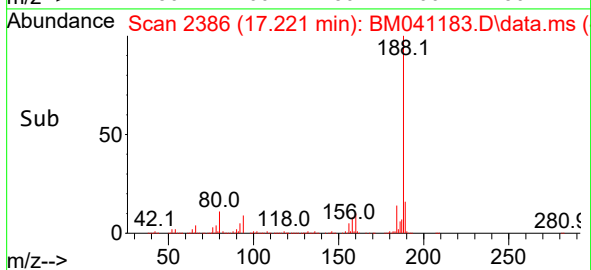
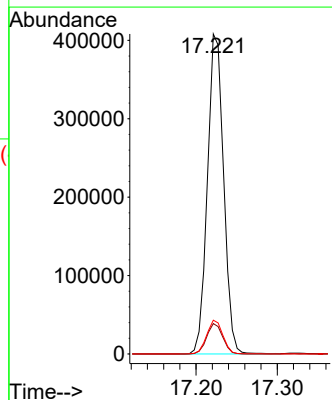
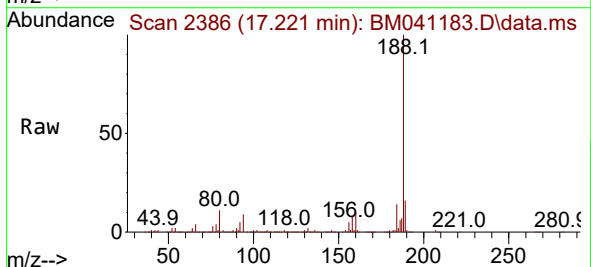
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

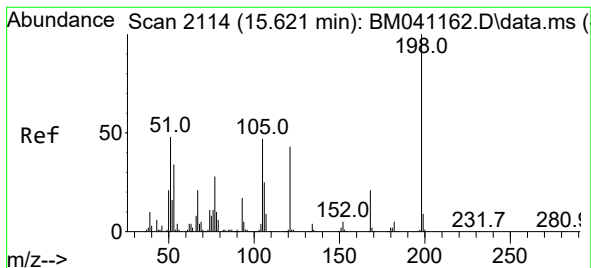
Tgt Ion: 77 Resp: 1135032
Ion Ratio Lower Upper
77 100
182 23.2 1.3 41.3
105 19.2 0.0 38.5
51 28.3 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:188 Resp: 565154
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.6 8.6 13.0

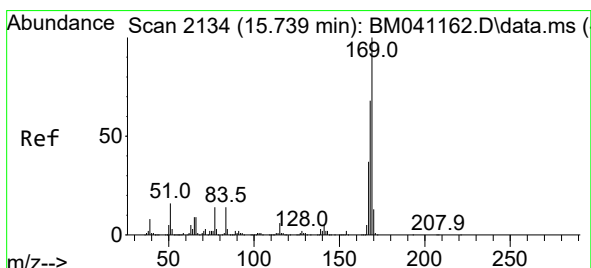
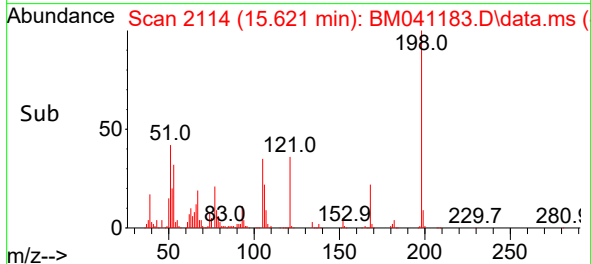
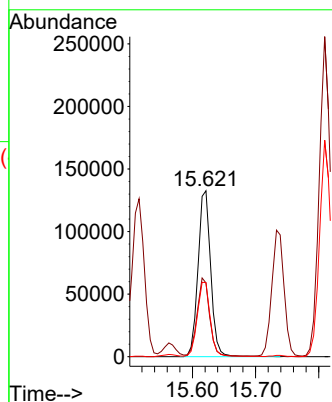
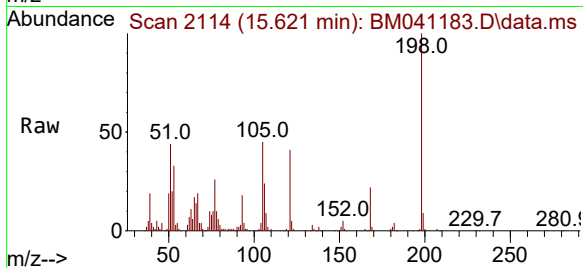




#65
4,6-Dinitro-2-methylphenol
Concen: 53.800 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

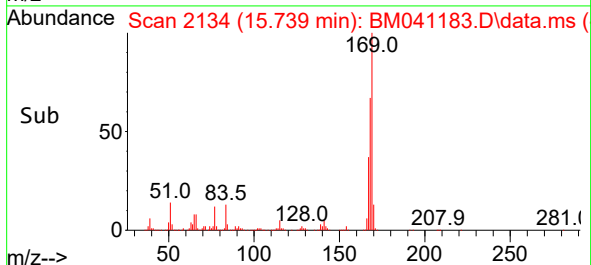
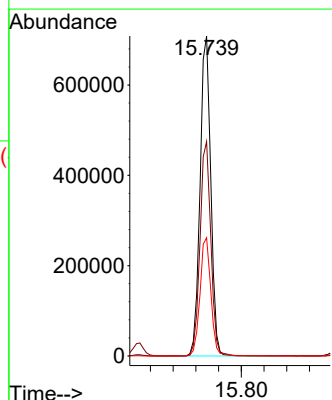
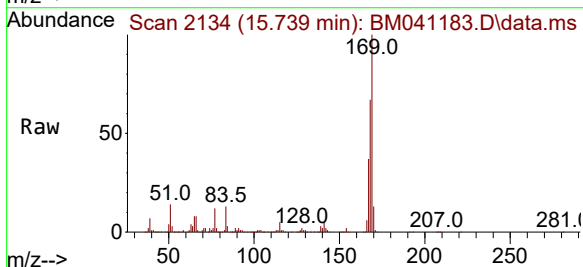
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

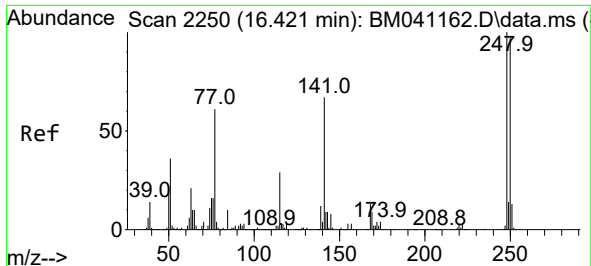
Tgt Ion:198 Resp: 184192
Ion Ratio Lower Upper
198 100
51 44.4 31.7 71.7
105 44.6 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 52.827 ng
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:169 Resp: 928520
Ion Ratio Lower Upper
169 100
168 67.0 54.6 81.8
167 36.9 29.9 44.9

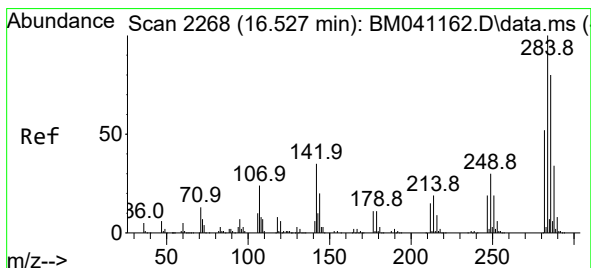
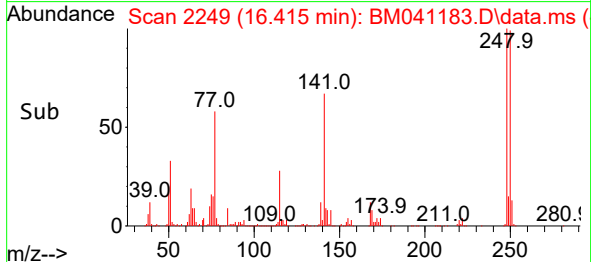
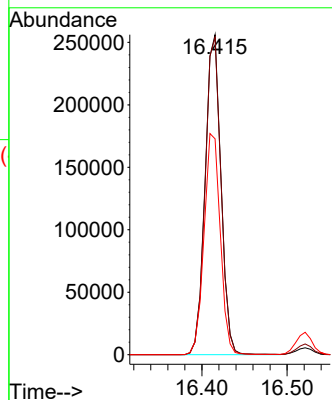
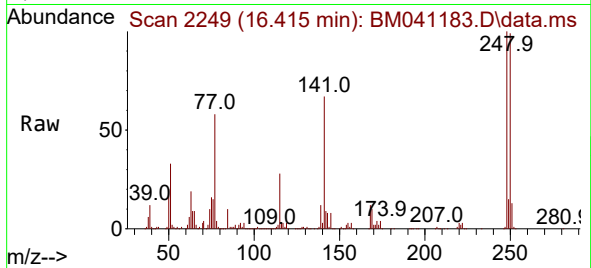




#67
4-Bromophenyl-phenylether
Concen: 53.450 ng
RT: 16.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

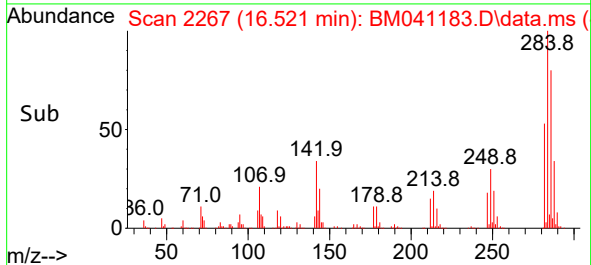
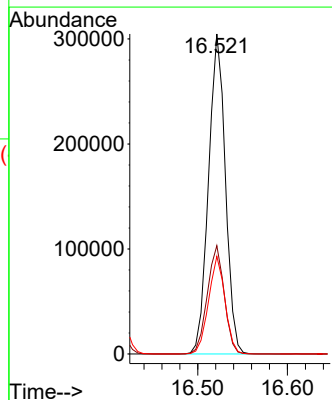
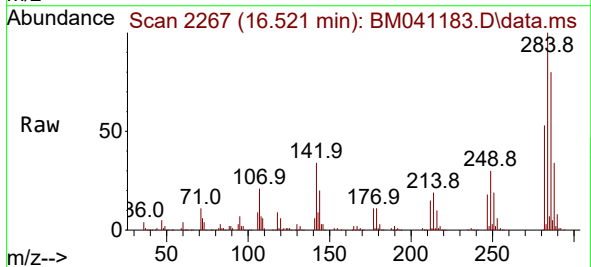
Instrument :
BNA_M
ClientSampleId :
PB154262BSD

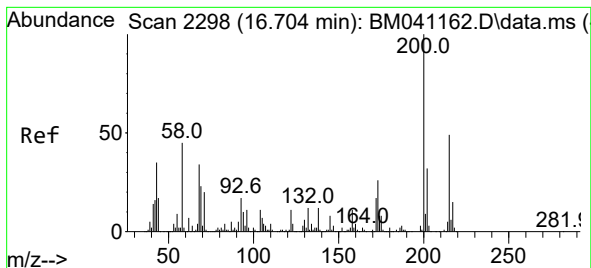
Tgt Ion:248 Resp: 331202
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 67.4 53.8 80.8



#68
Hexachlorobenzene
Concen: 57.663 ng
RT: 16.521 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM041183.D
Acq: 31 Jul 2023 11:16

Tgt Ion:284 Resp: 397308
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 30.5 23.7 35.5





#69

Atrazine

Concen: 70.922 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

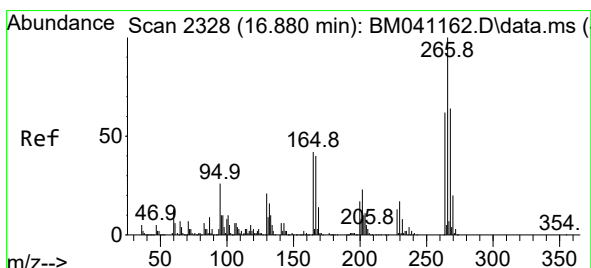
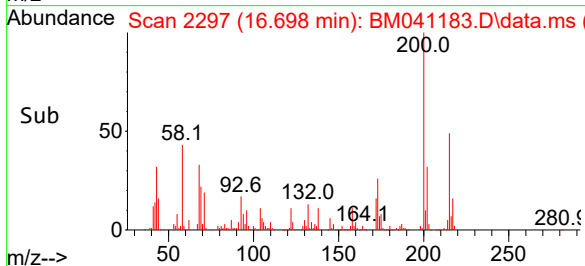
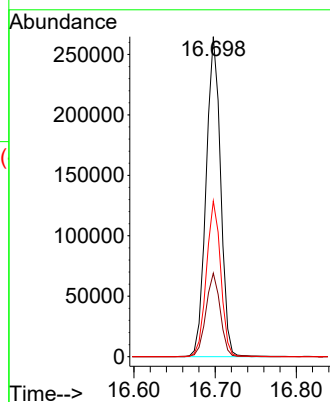
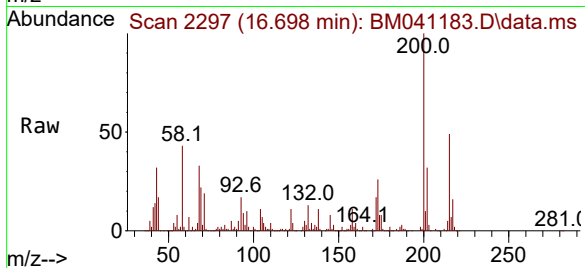
Tgt Ion:200 Resp: 327368

Ion Ratio Lower Upper

200 100

173 26.1 5.6 45.6

215 48.6 28.5 68.5



#70

Pentachlorophenol

Concen: 115.970 ng

RT: 16.874 min Scan# 2327

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

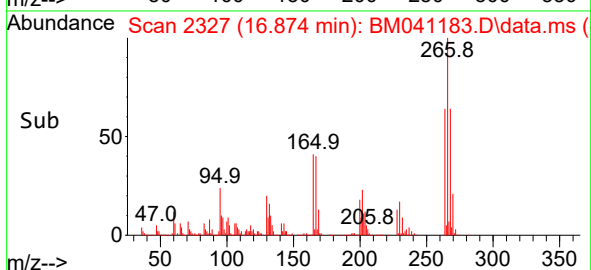
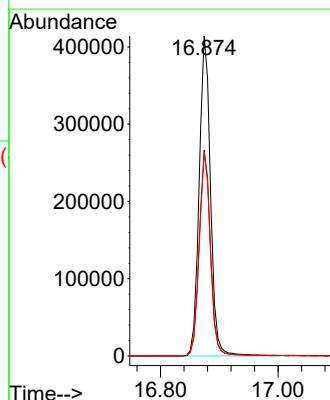
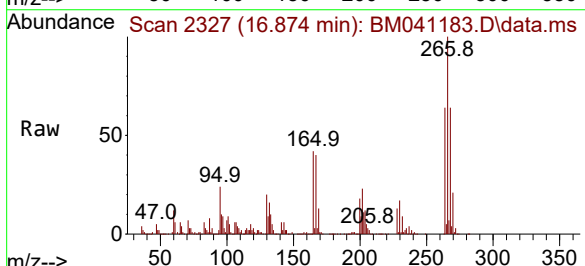
Tgt Ion:266 Resp: 553315

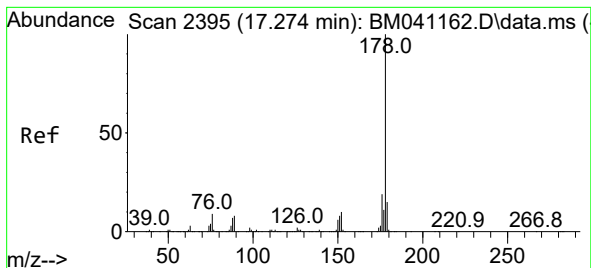
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

264 63.7 49.4 74.2





#71

Phenanthrene

Concen: 52.801 ng

RT: 17.268 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

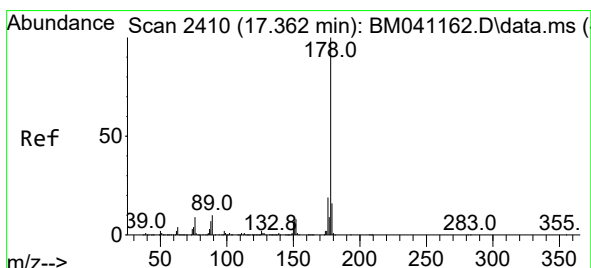
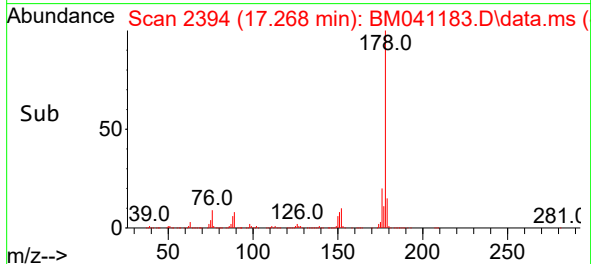
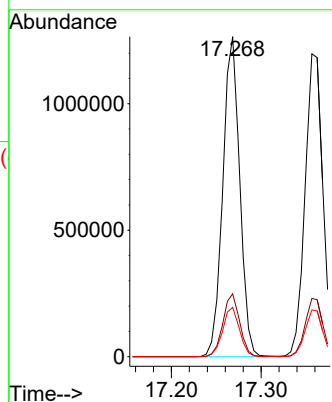
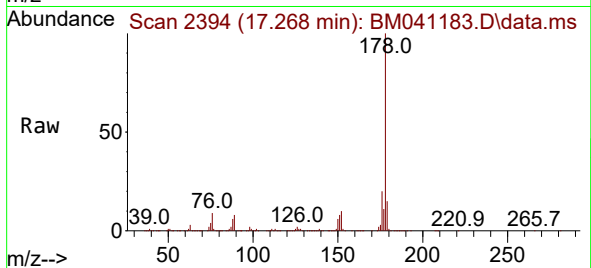
Tgt Ion:178 Resp: 1657972

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.4 12.1 18.1



#72

Anthracene

Concen: 53.731 ng

RT: 17.357 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

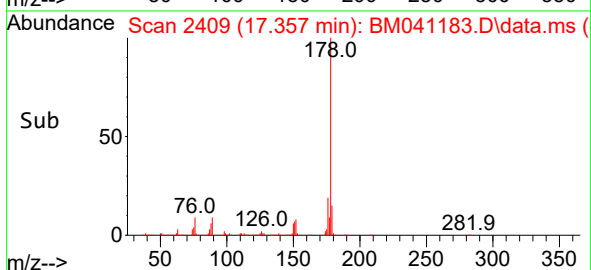
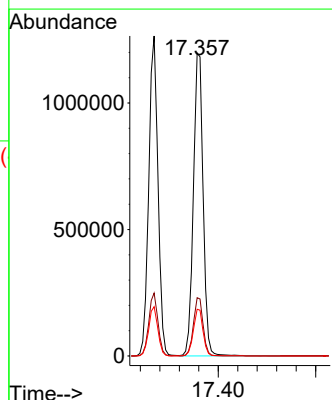
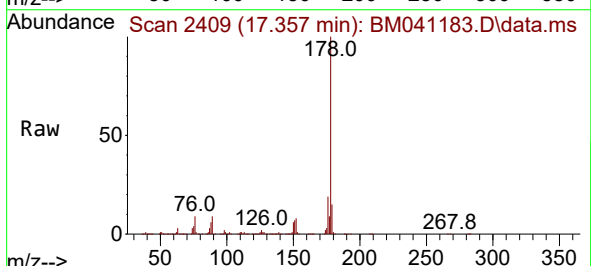
Tgt Ion:178 Resp: 1668642

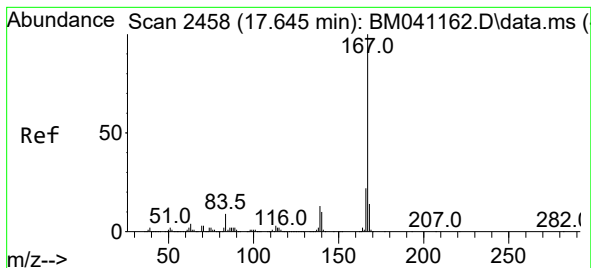
Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.4 12.4 18.6





#73

Carbazole

Concen: 55.163 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

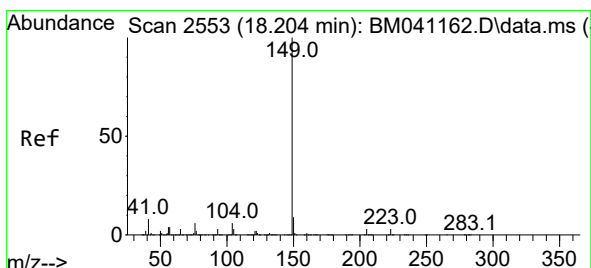
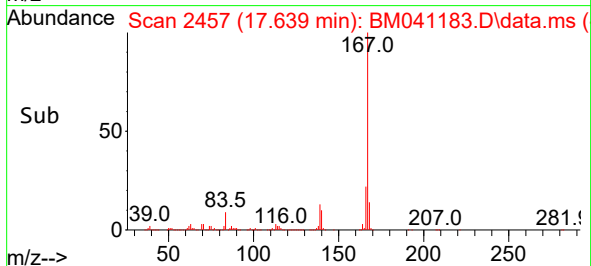
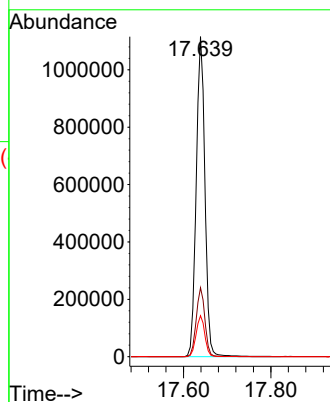
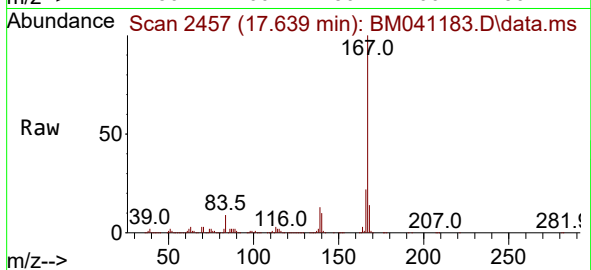
Tgt Ion:167 Resp: 1550529

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 55.835 ng

RT: 18.198 min Scan# 2552

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

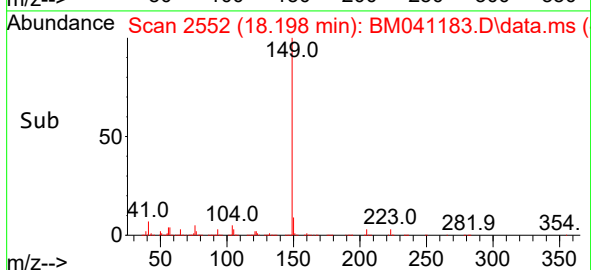
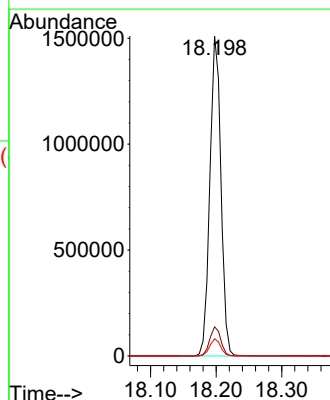
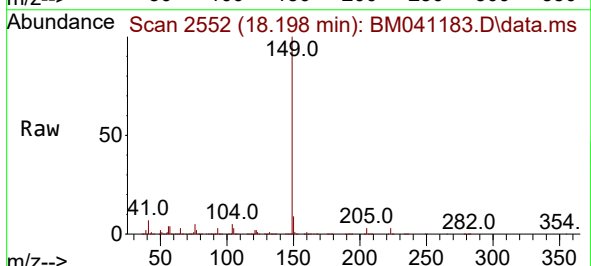
Tgt Ion:149 Resp: 1773454

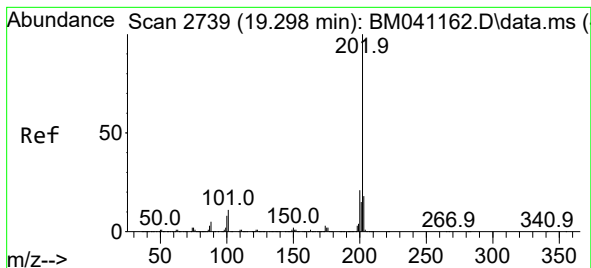
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 54.863 ng

RT: 19.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

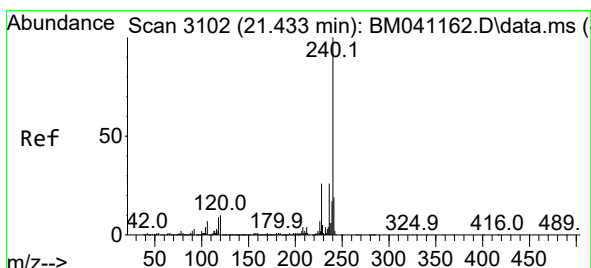
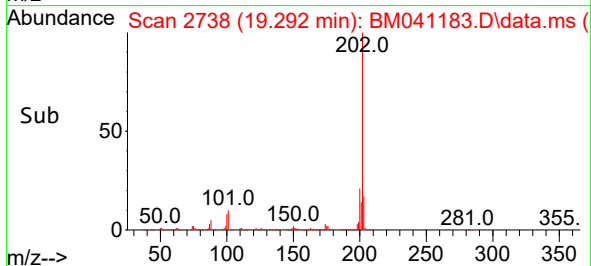
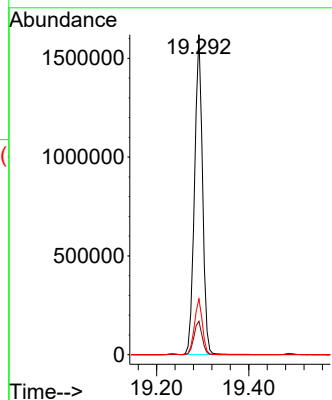
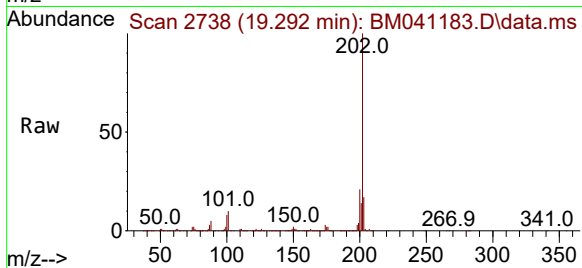
Tgt Ion:202 Resp: 1935416

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.8

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

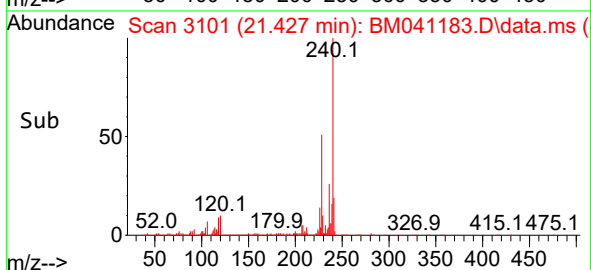
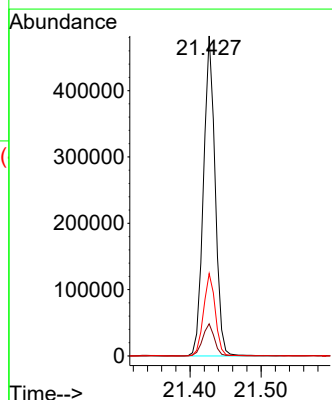
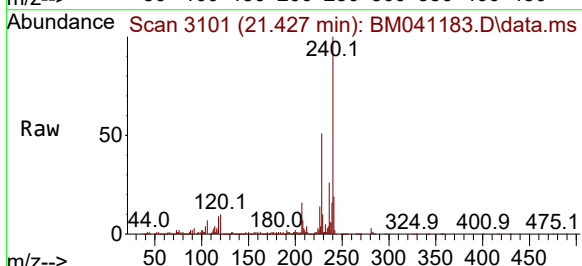
Tgt Ion:240 Resp: 551564

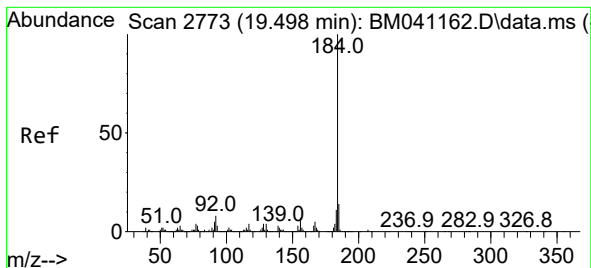
Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

236 25.7 20.6 30.8





#77

Benzidine

Concen: 145.262 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

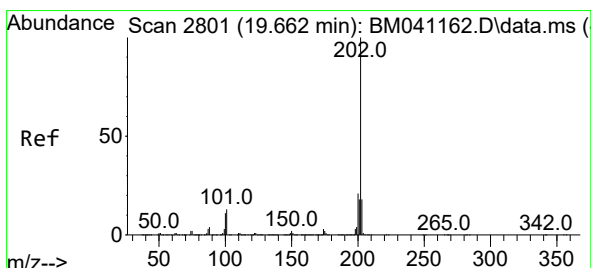
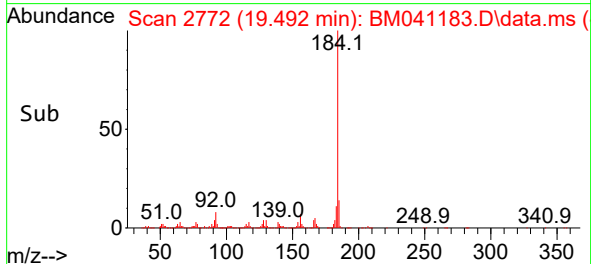
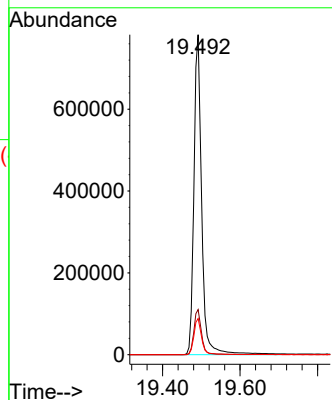
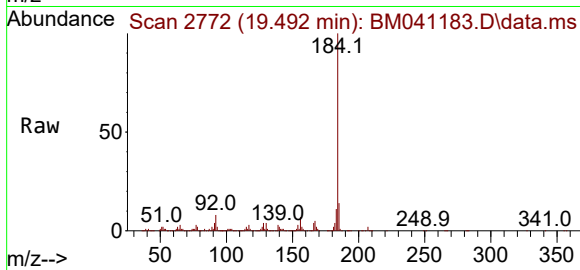
Tgt Ion:184 Resp: 1092042

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 52.663 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

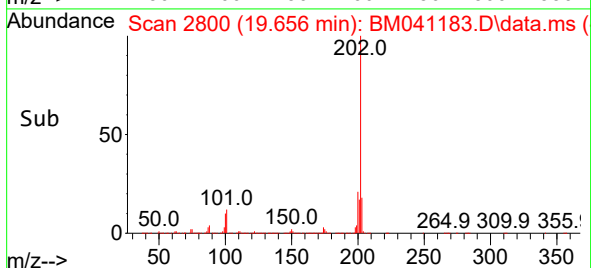
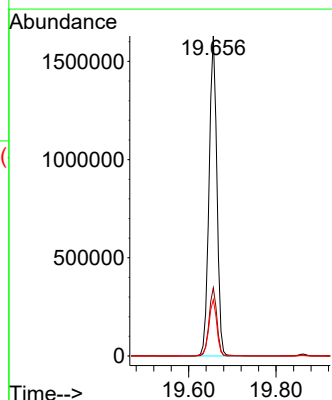
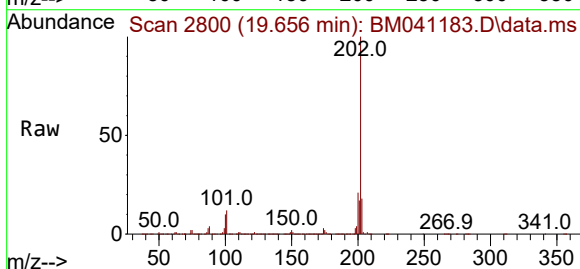
Tgt Ion:202 Resp: 2031315

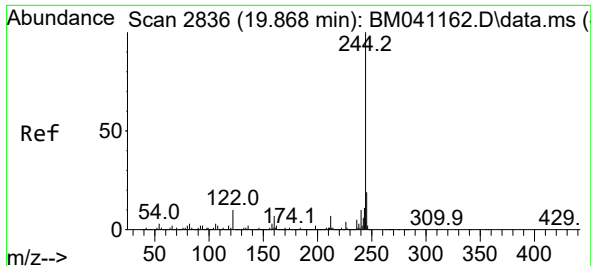
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.5 14.1 21.1

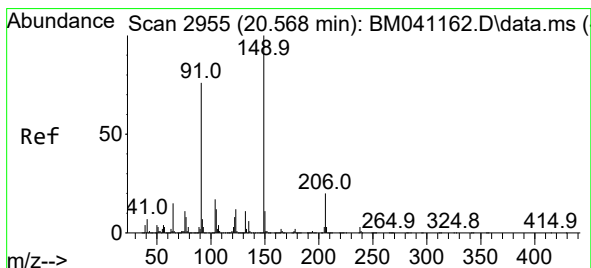
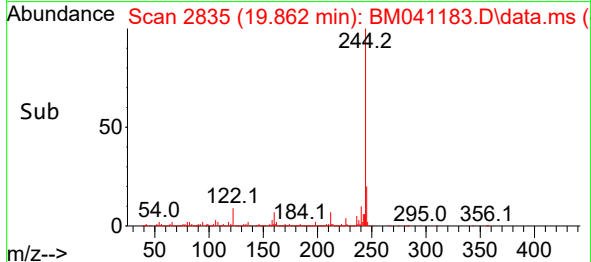
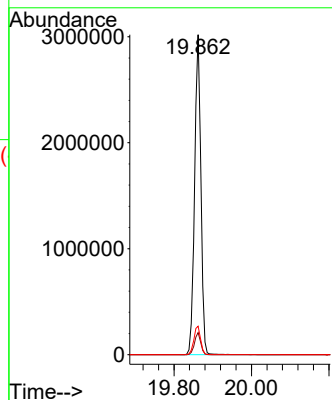
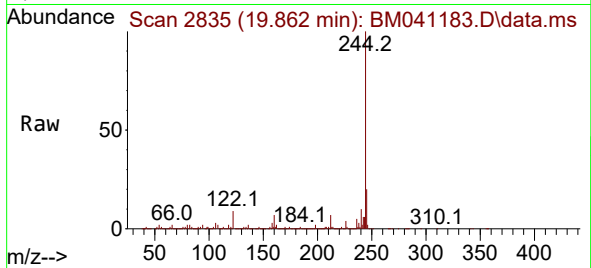




#79
 Terphenyl-d14
 Concen: 111.213 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041183.D
 Acq: 31 Jul 2023 11:16

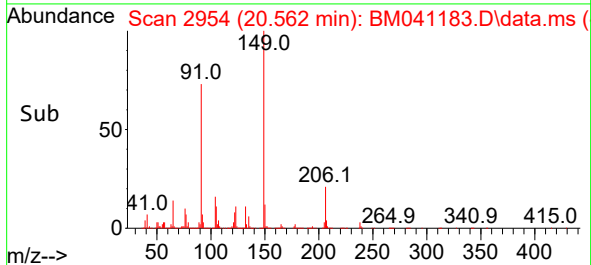
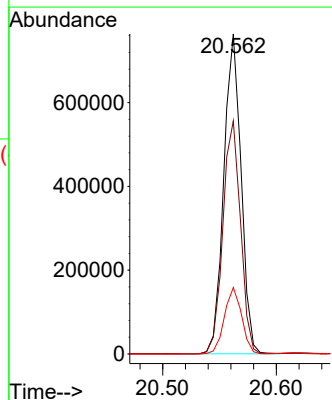
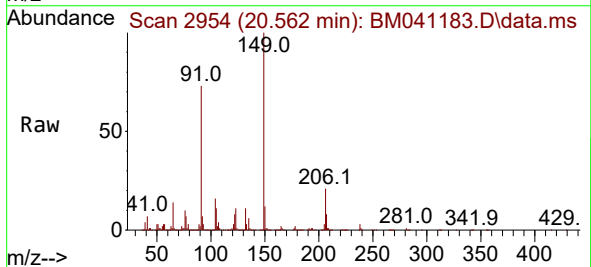
Instrument :
 BNA_M
 ClientSampleId :
 PB154262BSD

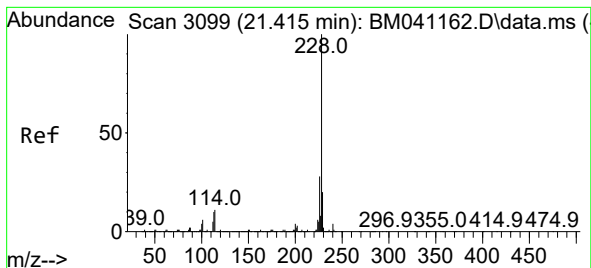
Tgt Ion:244 Resp: 3392652
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.9 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 57.362 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: BM041183.D
 Acq: 31 Jul 2023 11:16

Tgt Ion:149 Resp: 807983
 Ion Ratio Lower Upper
 149 100
 91 72.8 60.8 91.2
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 55.738 ng

RT: 21.409 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

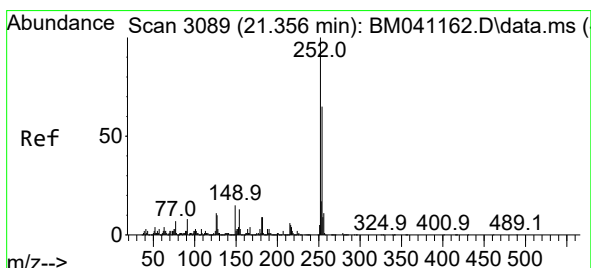
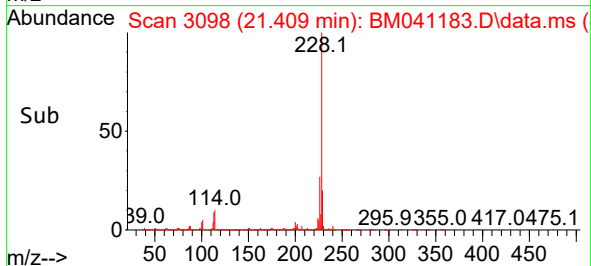
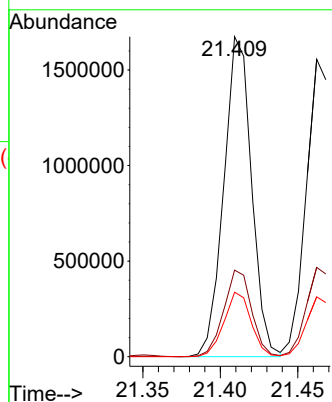
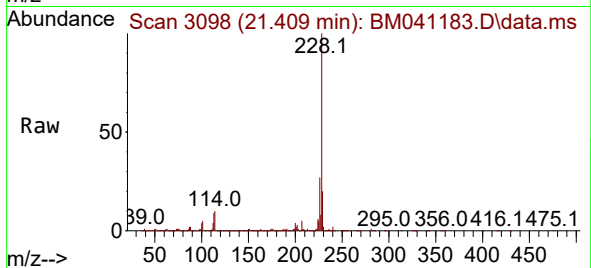
Tgt Ion:228 Resp: 2084150

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

229 20.2 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 52.760 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

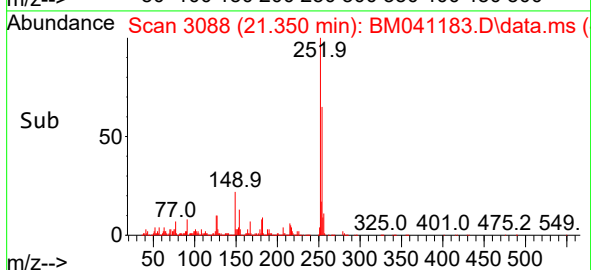
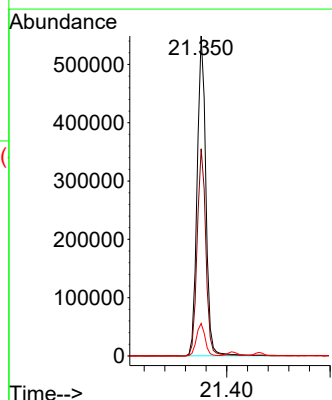
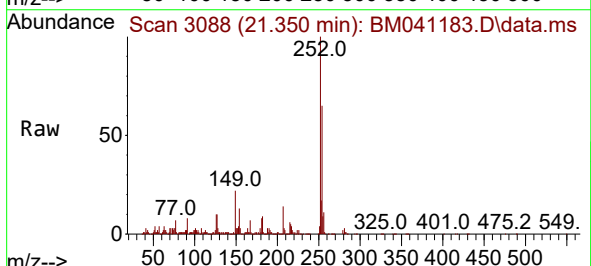
Tgt Ion:252 Resp: 643744

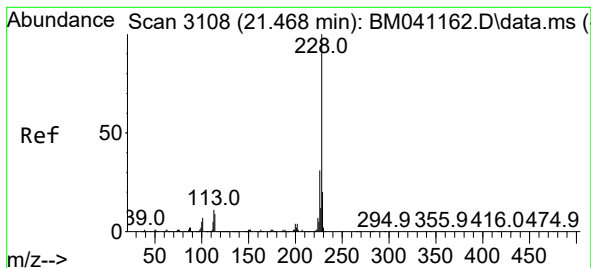
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 10.1 8.6 13.0





#83

Chrysene

Concen: 52.621 ng

RT: 21.462 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

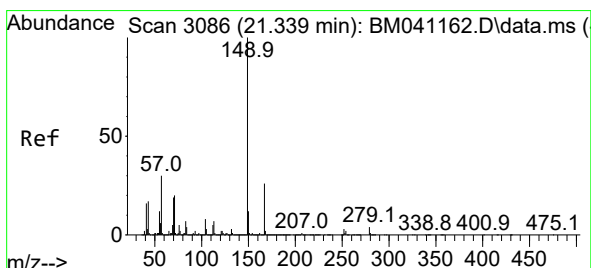
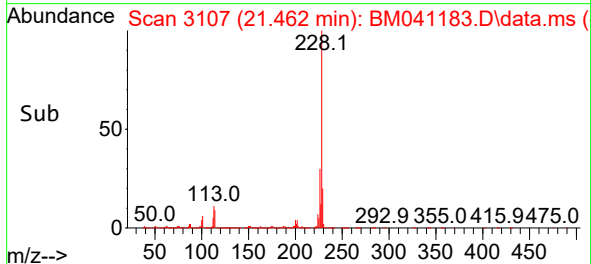
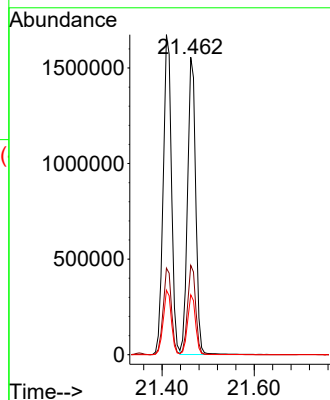
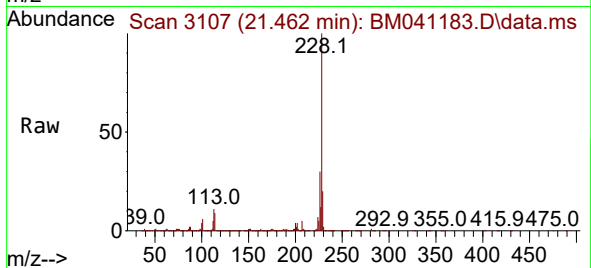
Tgt Ion:228 Resp: 1903135

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.382 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

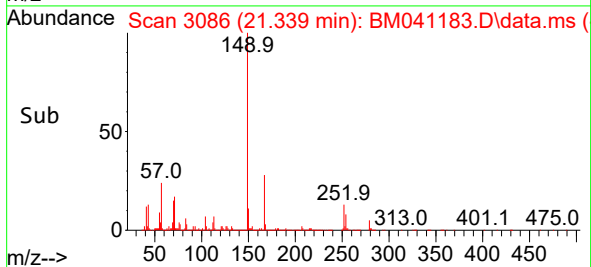
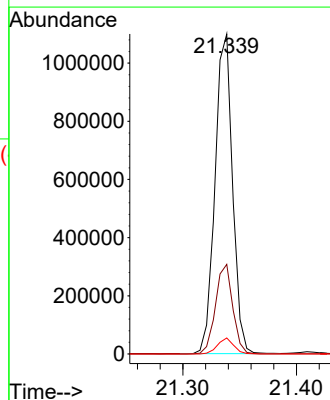
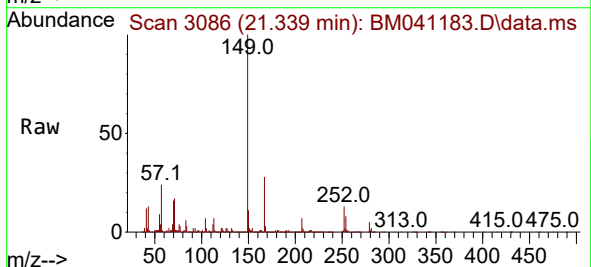
Tgt Ion:149 Resp: 1177206

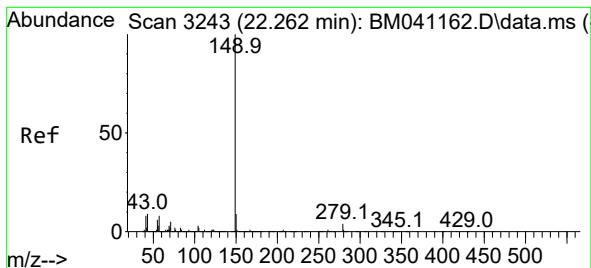
Ion Ratio Lower Upper

149 100

167 28.0 21.0 31.6

279 5.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 58.223 ng

RT: 22.256 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

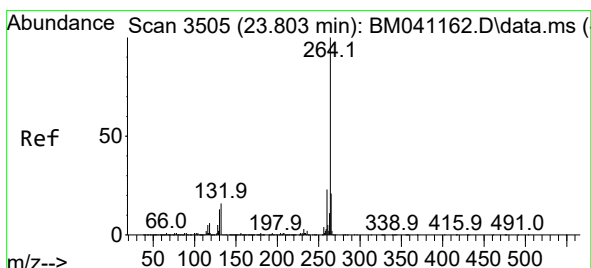
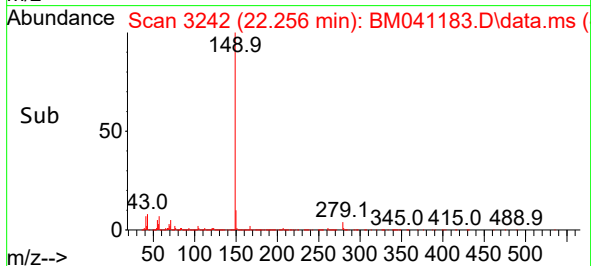
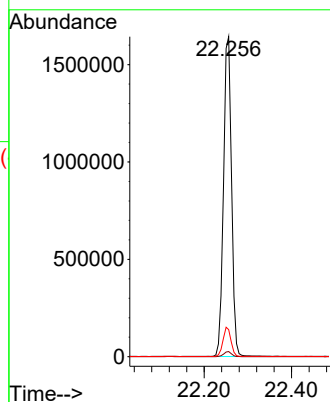
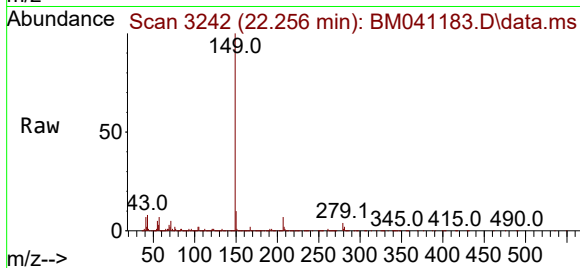
Tgt Ion:149 Resp: 2072691

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

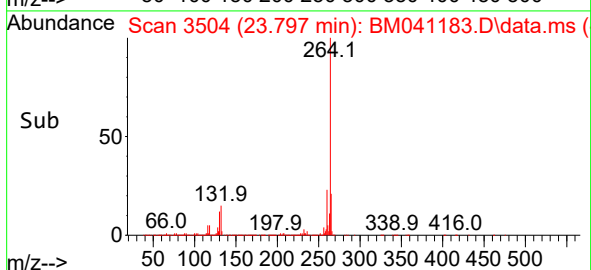
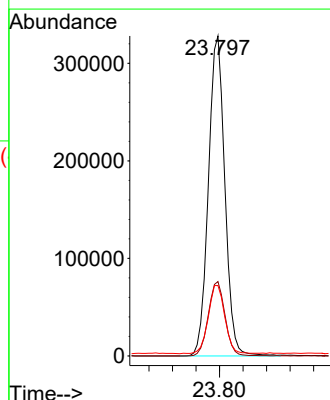
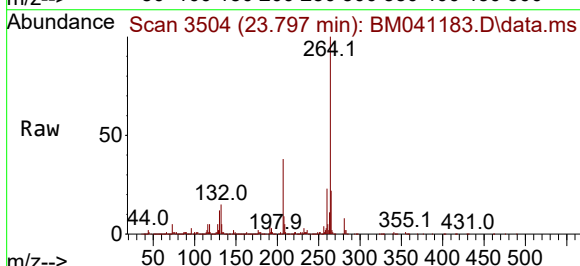
Tgt Ion:264 Resp: 638427

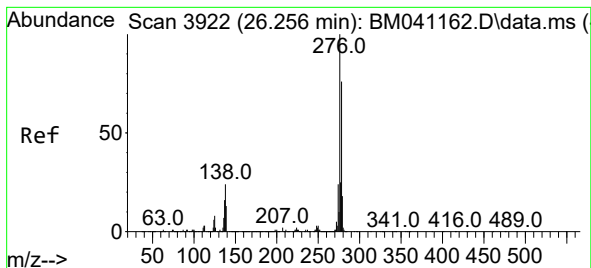
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.778 ng

RT: 26.250 min Scan# 3922

Delta R.T. 0.006 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

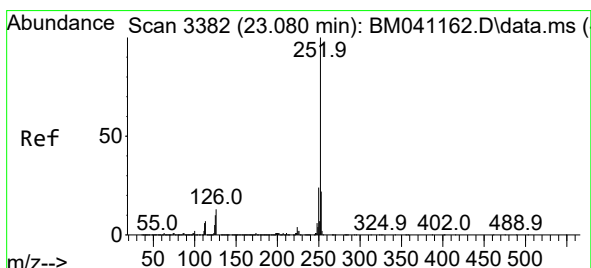
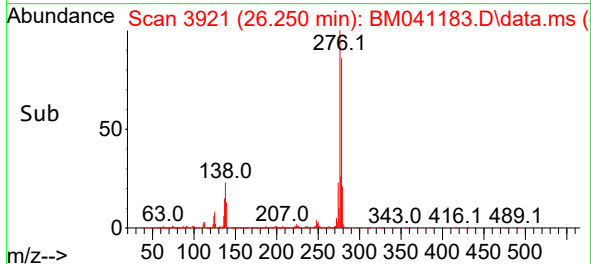
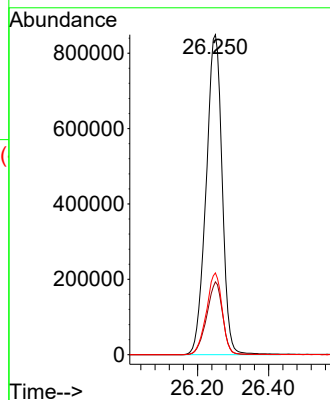
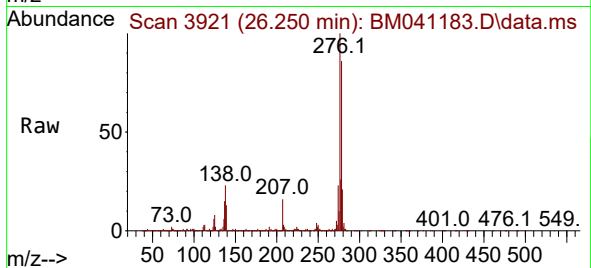
Tgt Ion:276 Resp: 2665050

Ion Ratio Lower Upper

276 100

138 22.6 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 58.859 ng

RT: 23.080 min Scan# 3382

Delta R.T. 0.006 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

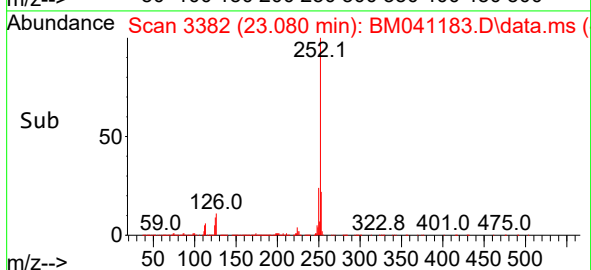
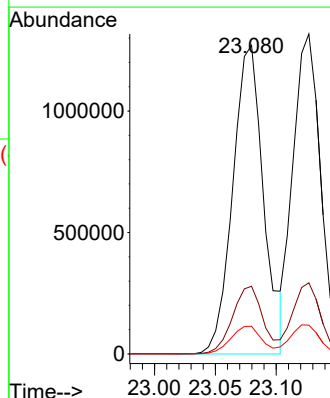
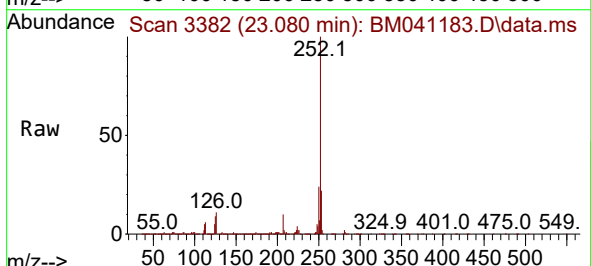
Tgt Ion:252 Resp: 2232310

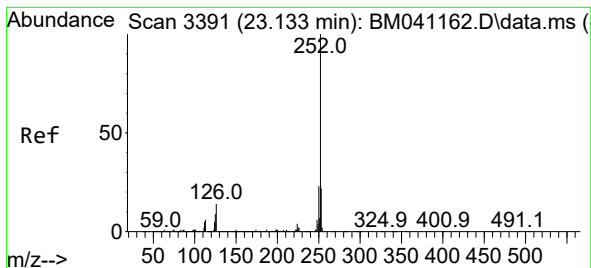
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 53.707 ng

RT: 23.127 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

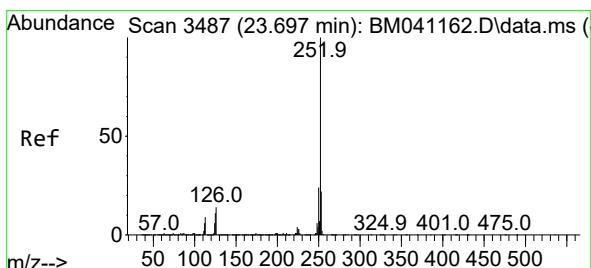
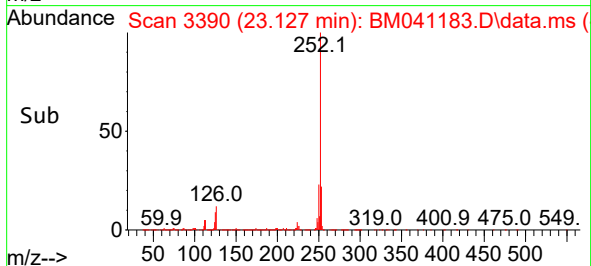
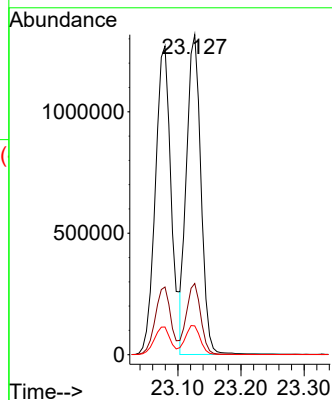
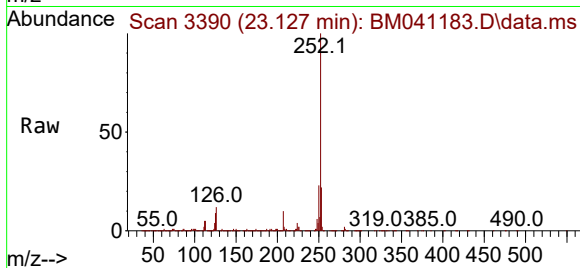
Tgt Ion:252 Resp: 2083592

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.0 7.6 11.4



#90

Benzo(a)pyrene

Concen: 52.356 ng

RT: 23.691 min Scan# 3486

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

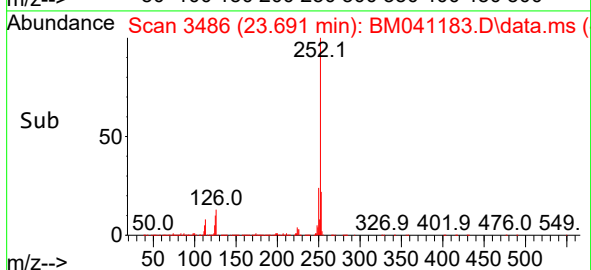
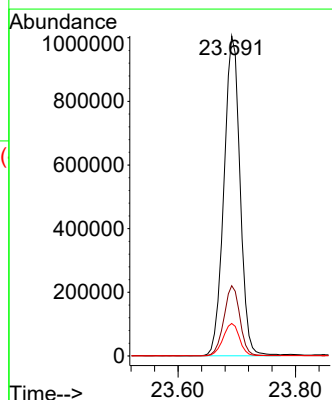
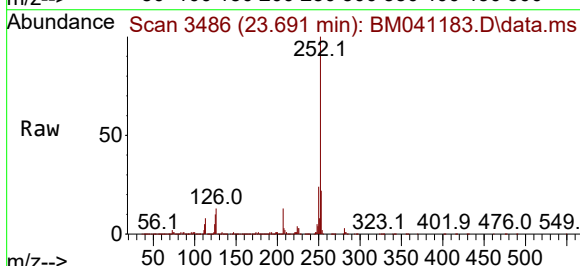
Tgt Ion:252 Resp: 1907958

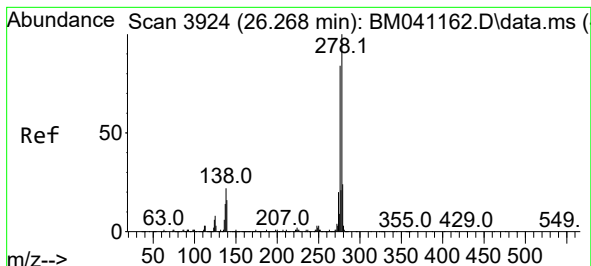
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 57.222 ng

RT: 26.262 min Scan# 3924

Delta R.T. 0.006 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

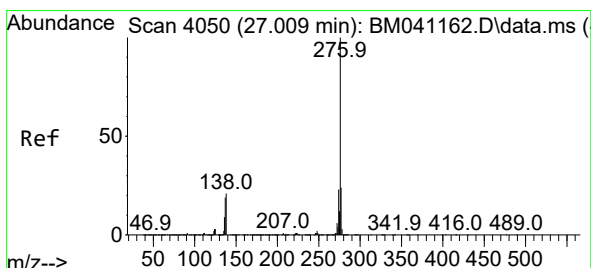
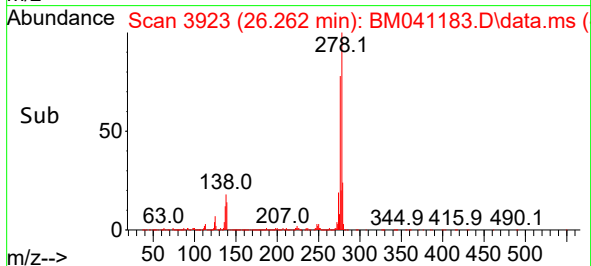
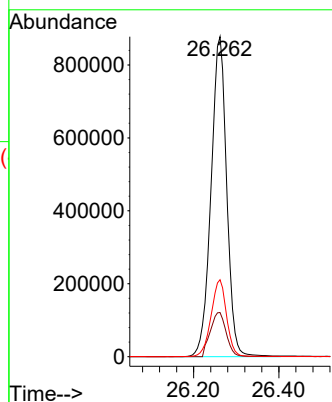
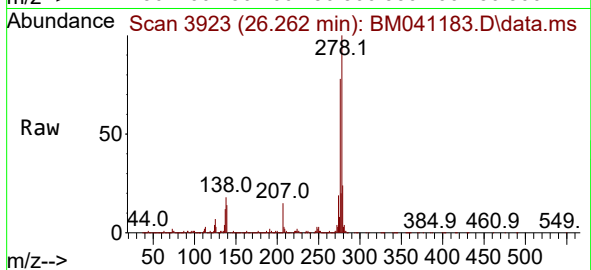
Tgt Ion:278 Resp: 2240270

Ion Ratio Lower Upper

278 100

139 13.8 12.7 19.1

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 55.150 ng

RT: 26.997 min Scan# 4048

Delta R.T. -0.000 min

Lab File: BM041183.D

Acq: 31 Jul 2023 11:16

Tgt Ion:276 Resp: 2112693

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 19.8 17.1 25.7

